



EPIGENETICS

ANTIBODIES, PEPTIDES, & KITS

 ROCKLAND

INTRODUCTION

Multicomponent cellular machinery—referred to as readers, writers, and erasers—are responsible for altering gene expression patterns and determining the cellular phenotype without changing the genetic information encoded in the nucleotide sequence. The regulation is dynamic, reversible, and establishes normal cellular phenotypes adaptable to environmental factors but also contributes to human disease.

Epigenetics is the study of DNA, RNA, and protein modifications that do not involve changes in gene sequences. Epigenetic mechanisms are influenced by several factors including development *in utero*, childhood, aging, diet, as well as environmental chemicals, drugs, and lifestyle. These modifications are inheritable, ensuring continued regulation of gene expression, resulting in the many cellular differentiation processes that make up an organism.

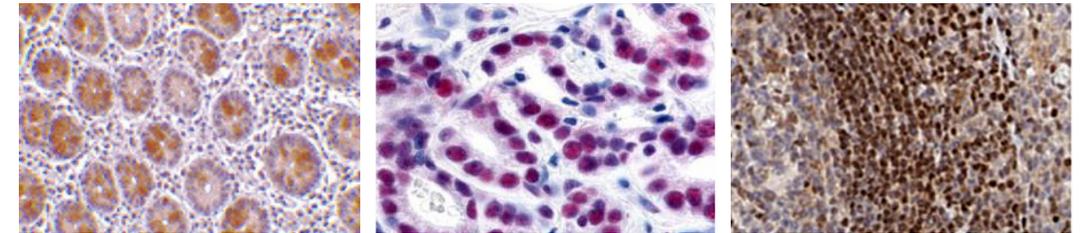
Rockland's epigenetic antibodies achieve high specificity while maintaining high sensitivity.

 = Trial size available

PRIMARY ANTIBODIES

Rockland's antibodies to modified histones and related cellular targets are extremely sensitive and specific to the modification, showing no cross-reactivity with other modifications on the same site or other surrounding amino acids of the protein.

Rockland prides itself on producing and testing antibodies through all stages of production, ensuring lot-to-lot consistency. Each antibody is tested to be functional by ELISA (E), Immunofluorescence microscopy (IF), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), Immunohistochemistry (IHC), Dot Blot (DB,) and/or Western Blot (WB).



Antibody	Host	Applications	Catalog #
Anti-5-Carboxylcytosine IgG	Rabbit	DB, IF, IP	200-401-X50
Anti-5-hydroxymethylcytosine (mAb) IgG	Mouse	E, IF	200-301-V06
Anti-5-mC (mAb) IgG	Mouse	IF, IP	200-301-U98
Anti-5-mC (mAb) [33D3] IgG1	Mouse	E, WB, IP, ChIP	200-301-V02
Anti-8-Hydroxy Guanine (mAb) IgG	Mouse	E, IHC, IF, FC	200-301-A99
Anti-AATF IgG (left image)	Rabbit	E, WB, IHC, IF	200-401-X55
Anti-AGO (Argonautes) (mAb) IgG	Mouse	WB, IHC, IF	200-301-V04
Anti-AML1-ETO	Rabbit	E, WB, IP, ChIP	100-401-V33
Anti-AML-ETO/RUNX1	Rabbit	E, WB	600-401-X43
Anti-Ash2	Rabbit	E, WB, IF	100-401-V87
Anti-BAP1 (mAb) IgG	Mouse	E, WB, IHC	200-301-P21
Anti-BLM pS1290	Rabbit	E, WB	600-401-J55
Anti-BLM pS1296	Rabbit	E, WB	600-401-J56
Anti-BLM pS144	Rabbit	E, WB	600-401-J57

Antibody	Host	Applications	Catalog #
Anti-BLM pS186	Rabbit	E, WB	600-401-J61
Anti-BLM pS527	Rabbit	E, WB	600-401-J58
Anti-BLM pT122	Rabbit	E, WB	600-401-J59
Anti-BLM pT99	Rabbit	E, WB	600-401-J60
Anti-Blue MW Ladder Peroxidase Conjugated (mAb) IgG	Mouse	WB	200-303-V07
Anti-Brd2 (antiserum)	Rabbit	E, WB	100-401-V88
Anti-CBFb (antiserum)	Rabbit	E, ChIP	100-401-V32
Anti-CDC42 IgG	Chicken	E, WB	200-901-AJ3
Anti-CDC42	Rabbit	IHC, WB	600-401-P94
Anti-CTCF	Rabbit	E, IHC, WB	600-401-C42
Anti-dCdc73 (antiserum)	Rabbit	ChIP, IP, WB	100-301-V39
Anti-dRtf1 (antiserum)	Rabbit	ChIP, IHC, IP, WB	100-401-V38
Anti-EDC3 pS161	Rabbit	E, WB	600-401-J38
Anti-ETO (antiserum)	Rabbit	E, ChIP	100-401-V08
Anti-EZH1 IgG	Rabbit	WB	200-401-H75
Anti-EZH1	Rabbit	E, WB	600-401-GT9
Anti-EZH2 IgG	Rabbit	ChIP, IHC, WB	200-401-W53
Anti-EZH2	Rabbit	E, IF, WB	600-401-BC6
Anti-EZH2 (mAb) IgG	Mouse	ChIP	200-301-W46
Anti-HAX1 (internal 190-225aa)	Rabbit	E, WB	600-401-J66
Anti-HAX1 (internal 115-150aa)	Rabbit	E, WB	600-401-J67
Anti-Hax1a [8F9G7] IgG	Mouse	E, WB	200-301-BQ2
Anti-Hax1a [9G3D11] IgG3	Mouse	E, WB	200-301-BQ3
Anti-Hax1a [9G6C6] IgG3	Mouse	E, WB	200-301-BQ4
Anti-HDAC1 (C-terminus) (center image)	Rabbit	E, IHC, IF, WB	600-401-879
Anti-HDAC1 (near C-terminus)	Rabbit	E, IHC, IF, WB	600-401-J16
Anti-HDAC10 (near N-terminus)	Rabbit	E, IHC, WB	600-401-J75
Anti-HDAC10 (internal 50-100aa)	Rabbit	E, WB	600-401-J76
Anti-HDAC10 (internal 500-550aa)	Rabbit	E, WB	600-401-J77
Anti-HDAC10 (C-terminus)	Rabbit	E, WB	600-401-J78
Anti-HDAC11 (N-terminus)	Rabbit	E, IHC, IF, WB	600-401-J17

Antibody	Host	Applications	Catalog #
Anti-HDAC2 (near C-terminus)	Rabbit	E, IHC, IF, WB	600-401-J18
Anti-HDAC2 (C-terminus)	Rabbit	E, IHC, IF, WB	600-401-J19
Anti-HDAC2 pS394	Rabbit	E, WB	600-401-XT1
Anti-HDAC3 (mAb) IgG	Mouse	ChIP, IF	200-301-V03
Anti-HDAC4 (internal 600-650aa)	Rabbit	E, IHC, IF, WB	600-401-J20
Anti-HDAC4 (internal 150-200aa)	Rabbit	E, WB	600-401-J42
Anti-HDAC5 (internal 661)	Rabbit	E, IHC, IF, WB	600-401-J21
Anti-HDAC5 (internal 450-500aa)	Rabbit	E, WB	600-401-J68
Anti-HDAC5 (internal 325-375aa)	Rabbit	E, IHC, WB	600-401-J69
Anti-HDAC5 (internal 200-250aa)	Rabbit	E, IHC, WB	600-401-J70
Anti-HDAC6 (internal)	Rabbit	E, WB	600-401-J39
Anti-HDAC6 (near N-terminus)	Rabbit	E, WB	600-401-J40
Anti-HDAC7 (N-terminus)	Rabbit	E, IHC, IF, WB	600-401-J22
Anti-HDAC8 (C-terminus)	Rabbit	E, WB	600-401-J71
Anti-HDAC8 (near N-terminus)	Rabbit	E, WB	600-401-J72
Anti-HDAC9 (N-terminus)	Rabbit	E, IHC, WB	600-401-J73
Anti-HDAC9 (internal)	Rabbit	E, IHC, WB	600-401-J74
Anti-hLeo1 (antiserum)	Rabbit	WB	100-401-V37
Anti-HP1 alpha, beta, gamma IgG	Rabbit	ChIP, IF, WB	200-401-V35
Anti-hRSF1 (mAb)	Mouse	IF, IP, WB	500-301-U97
Anti-hSNF2H (mAb)	Mouse	IF, IP, WB	500-301-U96
Anti-Jarid1b (antiserum)	Rabbit	E, WB	100-401-V92
Anti-Jarid1c (antiserum)	Rabbit	E, WB	100-401-W42
Anti-JMJD2A	Rabbit	E, IHC, WB	600-401-CB6
Anti-JMJD2B (antiserum)	Rabbit	E, IF, WB	100-401-V90
Anti-JMJD2B	Rabbit	E, IF, WB	600-401-CB7
Anti-JMJD2C (antiserum)	Rabbit	E, WB	100-401-V91
Anti-KDM1B (antiserum)	Rabbit	E	100-401-W43
Anti-KDM1B	Rabbit	E, WB	600-401-CE0
Anti-LSD1 IgG	Rabbit	ChIP, WB	200-401-W52
Anti-LSD1 (near N-terminus)	Rabbit	E, IHC, IF, WB	600-401-CN3

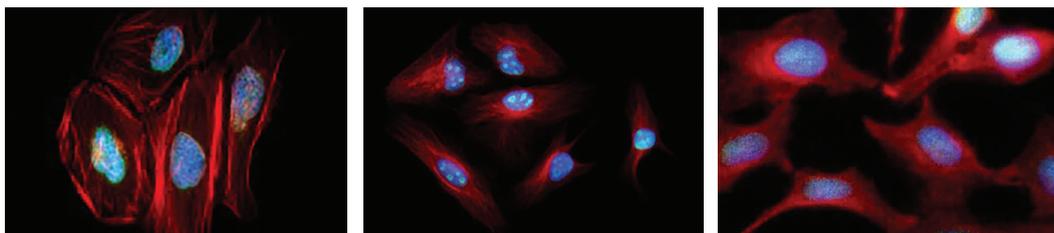
Antibody	Host	Applications	Catalog #
Anti-LSD1 (internal)	Rabbit	E, IHC, IF, WB	600-401-CN4
Anti-MBD1	Rabbit	E, ChIP, WB	600-401-X42
Anti-MeCP2	Rabbit	E, ChIP, WB	600-401-X39
Anti-MeCP2 (C-terminal) (right image)	Rabbit	E, WB, IHC	600-401-MM0
Anti-Morc3 (antiserum)	Rabbit	E, WB	100-401-N96
Anti-Morc3 (antiserum)	Rabbit	E, WB	100-401-N97
Anti-ORC2 (mAb) IgG	Mouse	WB	200-301-V05
Anti-p53 (ac Lys292)	Rabbit	E, WB	600-401-GV1
Anti-p53 (ac Lys305)	Rabbit	E, WB	600-401-GW2
Anti-p53 K372 me1 IgG	Rabbit	ChIP, WB	200-401-X38
Anti-p53 (mAb) IgG	Mouse	E, ChIP, IHC, IF, IP, WB	200-301-T74
Anti-p53 pS392	Rabbit	WB	600-401-E04
Anti-PAPD1 (antiserum)	Rabbit	E, WB	100-401-V97
Anti-PAPOLA (antiserum)	Rabbit	E, WB	100-401-V99
Anti-PHF8	Rabbit	E, WB	600-401-X40
Anti-PIAS1	Rabbit	E, IF, WB	600-401-GZ8
Anti-PID IgG	Rabbit	E, IF, WB	200-401-DN2
Anti-PML	Rabbit	E, WB	600-401-X44
Anti-POL II (mAb) IgG	Mouse	E, ChIP, IF, WB	200-301-U99
Anti-POL II pS2 (mAb) IgG	Mouse	E, ChIP, IF, WB	200-301-V00
Anti-POL II pS5 (mAb) IgG	Mouse	E, ChIP, IF, WB	200-301-V01
Anti-Retinoblastoma [Monomethyl Lys860]	Rabbit	E, WB	600-401-GZ4
Anti-SAP30 (antiserum)	Rabbit	WB	100-401-V81
Anti-Set9 (antiserum)	Rabbit	WB	100-401-V83
Anti-Setd1a (antiserum)	Rabbit	E, WB	100-401-V94
Anti-SETD8 (antiserum)	Rabbit	WB	100-401-V82
Anti-Setdb2 IgG	Rabbit	E, WB	200-401-N99
Anti-SKI3 IgG	Rabbit	ChIP, IF, WB	200-401-W48
Anti-SKI8 IgG	Rabbit	ChIP, WB	200-401-W49
Anti-SOX4 (antiserum)	Rabbit	E, WB	100-401-V96
Anti-SSRP1 (antiserum)	Rabbit	WB	100-401-V85

Antibody	Host	Applications	Catalog #
Anti-SUZ12 (antiserum)	Rabbit	ChIP, WB	100-401-V40
Anti-TASP1 (antiserum)	Rabbit	E, WB	100-401-V93
Anti-TBP (mAb) IgG	Mouse	ChIP, WB	200-301-W44
Anti-TET2 (antiserum)	Rabbit	E, WB	100-401-N93
Anti-TET2	Rabbit	E, WB	600-401-FC9
Anti-TET3 (antiserum)	Rabbit	E, WB	100-401-N94
Anti-TIP5 (antiserum)	Rabbit	ChIP, WB	100-401-V86
Anti-Tij1 (mAb) IgG	Mouse	ChIP, WB	200-301-W45
Anti-Wdr5 (antiserum)	Rabbit	E, WB	100-401-V89
Anti-ZBTB38 (antiserum)	Rabbit	E, WB	100-401-V95
Anti-ZBTB4 (antiserum)	Rabbit	E, WB	100-401-W41
Anti-ZMYND8 (antiserum)	Rabbit	E, WB	100-401-V98

HISTONE ANTIBODIES

Histones are the main constituents of the protein part of chromosomes of eukaryotic cells. They are rich in the amino acids arginine and lysine and have been greatly conserved during evolution. Histones pack the DNA into tight masses of chromatin. Two core histones of each class H2A, H2B, H3, and H4 assemble and are wrapped by 146 base pairs of DNA to form one octameric nucleosome.

Histone tails undergo numerous post-translational modifications, which either directly or indirectly alter chromatin structure to facilitate transcriptional activation or repression or other nuclear processes. In addition to the genetic code, combinations of the different histone modifications reveal the so-called “histone code.” Histone methylation and demethylation is dynamically regulated by histone methyl transferases and histone demethylases, respectively.



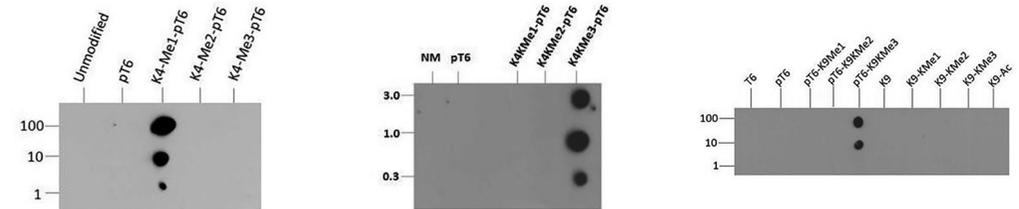
Antibody	Host	Applications	Catalog #
Anti-Histone H2 A.Zac	Rabbit	E, WB, IF, IP, ChIP	600-401-V36
Anti-Histone H2 A.Zac pan	Rabbit	E, IP, ChIP	600-401-X49
Anti-Histone H2A pan	Rabbit	E, IP, ChIP	600-401-X48
Anti-Histone H2AvD pS137	Rabbit	E, WB, IHC	600-401-914
Anti-Histone H2B pan	Rabbit	E, IP, ChIP	600-401-X47
Anti-Histone H3 [ac Lys18]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-181
Anti-Histone H3 [ac Lys23]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-182
Anti-Histone H3 [ac Lys27]	Rabbit	E, WB	600-401-K00
Anti-Histone H3 [ac Lys36]	Rabbit	WB, IHC, IF	600-401-189
Anti-Histone H3 [ac Lys4, p Thr3]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-156
Anti-Histone H3 [ac Lys4]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-160

Antibody	Host	Applications	Catalog #
Anti-Histone H3 [ac Lys9, ac Lys14]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-173
Anti-Histone H3 [ac Lys9/phospho Ser10]	Rabbit	WB, IF	600-401-PO8
Anti-Histone H3 [ac Lys9]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-172
Anti-Histone H3 [Asym-dimethyl Arg17]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-177
Anti-Histone H3 [Asym-dimethyl Arg2]	Rabbit	WB, IHC, IF	600-401-153
Anti-Histone H3 [Asym-dimethyl Arg8]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-167
Anti-Histone H3 [Dimethyl Lys18]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-179
Anti-Histone H3 [Dimethyl Lys23]	Rabbit	E, WB, IHC	600-401-K02
Anti-Histone H3 [Dimethyl Lys36]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-187
Anti-Histone H3 [Dimethyl Lys37]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-191
Anti-Histone H3 [Dimethyl Lys4, p Thr3]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-155
Anti-Histone H3 [Dimethyl Lys4/pT6]	Rabbit	E, WB, IHC, IF	600-401-K01
Anti-Histone H3 [Dimethyl Lys4]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-158
Anti-Histone H3 [Dimethyl Lys9]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-170
Anti-Histone H3 [methyl Lys27]	Rabbit	WB	600-401-M75
Anti-Histone H3 [Monomethyl Arg2]	Rabbit	WB	600-401-152
Anti-Histone H3 [Monomethyl Lys18]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-178
Anti-Histone H3 [Monomethyl Lys36]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-186
Anti-Histone H3 [Monomethyl Lys37]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-190
Anti-Histone H3 [Monomethyl Lys4, p Thr6]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-161
Anti-Histone H3 [Monomethyl Lys4]	Rabbit	WB, IHC, IF, IP, ChIP	200-401-PO2
Anti-Histone H3 [Monomethyl Lys4] (right image)	Rabbit	WB, IHC, IF, IP, ChIP	600-401-157
Anti-Histone H3 [Monomethyl Lys56]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-193
Anti-Histone H3 [Monomethyl Lys79]	Rabbit	WB, IF, IP, ChIP	600-401-P10
Anti-Histone H3 [Monomethyl Lys9]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-169
Anti-Histone H3 [p Ser10, p Thr11]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-175
Anti-Histone H3 [p Ser10]	Rabbit	WB, IHC, IF	600-401-174
Anti-Histone H3 [p Ser28]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-183
Anti-Histone H3 [p Thr11]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-176
Anti-Histone H3 [p Thr3, Monomethyl Lys4]	Rabbit	WB, IHC, IF	600-401-154
Anti-Histone H3 [p Thr3, Sym-dimethyl Arg2]	Rabbit	WB, IF	600-401-P14

Antibody	Host	Applications	Catalog #
Anti-Histone H3 [p Thr6, Dimethyl Lys9]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-165
Anti-Histone H3 [p Thr6, Monomethyl Lys9]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-164
Anti-Histone H3 [p Thr6]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-163
Anti-Histone H3 [Sym-dimethyl Arg2, Dimethyl Lys4]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-185
Anti-Histone H3 [Sym-dimethyl Arg8]	Rabbit	WB, IP, ChIP	600-401-168
Anti-Histone H3 [Trimethyl Lys18]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-180
Anti-Histone H3 [Trimethyl Lys27, p Ser28]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-184
Anti-Histone H3 [Trimethyl Lys27]	Rabbit	E, WB, IF	600-401-199
Anti-Histone H3 [Trimethyl Lys36]	Rabbit	WB, IHC, IF	600-401-188
Anti-Histone H3 [Trimethyl Lys37]	Rabbit	WB, IHC, IF	600-401-192
Anti-Histone H3 [Trimethyl Lys4, p Thr6]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-162
Anti-Histone H3 [Trimethyl Lys4/ac Lys9]	Rabbit	WB, IF	600-401-198
Anti-Histone H3 [Trimethyl Lys4]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-159
Anti-Histone H3 [Trimethyl Lys56]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-194
Anti-Histone H3 [Trimethyl Lys79]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-195
Anti-Histone H3 [Trimethyl Lys9, p Thr6]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-166
Anti-Histone H3 [Trimethyl Lys9] (left image)	Rabbit	WB, IHC, IF, IP, ChIP	600-401-171
Anti-Histone H3 (antiserum)	Rabbit	E, WB, IHC	100-401-E81
Anti-Histone H3	Rabbit	E, WB, IHC	200-401-E81
Anti-Histone H3 K27 me1	Rabbit	E, WB, IF, IP, ChIP	600-401-W54
Anti-Histone H3 K27 me2	Rabbit	E, WB, IF, IP, ChIP	600-401-V34
Anti-Histone H4 [ac Lys12]	Rabbit	WB, IHC, IF	600-401-P06
Anti-Histone H4 [ac Lys16]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-J00
Anti-Histone H4 [ac Lys5]	Rabbit	WB, IF, IP, ChIP	600-401-198
Anti-Histone H4 [ac Lys8]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-199
Anti-Histone H4 [Dimethyl Lys20]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-J02
Anti-Histone H4 [Monomethyl Arg3]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-197
Anti-Histone H4 [Monomethyl Lys20] (center image)	Rabbit	WB, IHC, IF, IP, ChIP	600-401-J01
Anti-Histone H4 [p Ser1]	Rabbit	WB, IHC, IF, IP, ChIP	600-401-196
Anti-Histone H4 (antiserum)	Rabbit	E, WB	100-401-BR9
Anti-Histone H4 pan	Rabbit	E, IP, ChIP	600-401-X46

CONTROL PEPTIDES

Rockland's blocking peptides are excellent control reagents for immunoassays. When used in conjunction with primary antibodies, these peptides specifically bind to the antibody against which they were designed and will block antibody binding in many different immunoassays. Use of a control peptide is a good way to confirm the specificity of an antibody and rule out false positive and non-specific binding events.



Peptide	Catalog #
Histone H2, K43ac Biotin Conjugated	000-006-K40
Histone H2, K43Me3 Biotin Conjugated	000-006-K39
Histone H3, 1-15 Biotin Conjugated	000-006-K50
Histone H3, 6-20 Biotin Conjugated	000-006-K51
Histone H3, 11-25 Biotin Conjugated	000-006-K52
Histone H3, 16-30 Biotin Conjugated	000-006-K53
Histone H3, 21-35 Biotin Conjugated	000-006-K54
Histone H3, 26-40 Biotin Conjugated	000-006-K55
Histone H3, 31-45 Biotin Conjugated	000-006-K56
Histone H3, 36-50 Biotin Conjugated	000-006-K57
Histone H3, 41-55 Biotin Conjugated	000-006-K58
Histone H3, 46-60 Biotin Conjugated	000-006-K59
Histone H3, 51-65 Biotin Conjugated	000-006-K60
Histone H3, 56-70 Biotin Conjugated	000-006-K61
Histone H3, 61-75 Biotin Conjugated	000-006-K62
Histone H3, 66-80 Biotin Conjugated	000-006-K63
Histone H3, 71-85 Biotin Conjugated	000-006-K64

Peptide	Catalog #
Histone H3, 76-90 Biotin Conjugated	000-006-K65
Histone H3, 81-95 Biotin Conjugated	000-006-K66
Histone H3, 86-100 Biotin Conjugated	000-006-K67
Histone H3, 91-105 Biotin Conjugated	000-006-K68
Histone H3, 96-110 Biotin Conjugated	000-006-K69
Histone H3, 101-115 Biotin Conjugated	000-006-K70
Histone H3, 106-120 Biotin Conjugated	000-006-K71
Histone H3, 111-125 Biotin Conjugated	000-006-K72
Histone H3, 116-130 Biotin Conjugated	000-006-K73
Histone H3, 121-135 Biotin Conjugated	000-006-K74
Histone H3 K4Me1 Biotin Conjugated	000-006-K24
Histone H3 K4Me2 Biotin Conjugated	000-006-K25
Histone H3 K4Me3 Biotin Conjugated	000-006-K26
Histone H3 K9Me1 Biotin Conjugated	000-006-K29
Histone H3 K9Me2 Biotin Conjugated	000-006-K28
Histone H3 K9Me3 Biotin Conjugated	000-006-K30
Histone H3, 1-16 K4Me3	000-001-K41
Histone H3, 1-18 K4Me2/K9/K14ac	000-001-K48
Histone H3, 1-18 K4Me3/K9/K14ac	000-001-K49
Histone H3, 1-21 K4Me2	000-001-K38
Histone H3, 1-21 K4Me2/pS10 Biotin Conjugated	000-006-K37
Histone H3, 1-21 K4Me3	000-001-K46
Histone H3, 1-21 K9Me1 Biotin Conjugated	000-006-K31
Histone H3, 1-21 K9Me2 Biotin Conjugated	000-006-K32
Histone H3, 1-21 K9Me3 Biotin Conjugated	000-006-K33
Histone H3, 1-21 pS10 Biotin Conjugated	000-006-K36
Histone H3, 21-35	000-001-K20
Histone H3, 21-40	000-001-K19
Histone H3, 21-44 Biotin Conjugated	000-006-K22
Histone H3, 21-44 Fluorescein conjugated	000-002-K13
Histone H3, 21-44 K27	000-001-K14

Peptide	Catalog #
Histone H3, 21-44 K27Me1	000-001-K15
Histone H3, 21-44 K27Me2	000-001-K16
Histone H3, 21-44 K27Me3	000-001-K17
Histone H3, 21-44 K36Me3 Biotin Conjugated	000-006-K23
Histone H3, 21-44	000-001-K18
Histone H3, 23-35	000-001-K21
Histone H3, 26-46	000-001-K47
Histone H3, 31-22 Biotin Conjugated	000-006-K27
Histone H4, 1-15 Biotin Conjugated	000-006-K75
Histone H4, 6-20 Biotin Conjugated	000-006-K76
Histone H4, 11-25 Biotin Conjugated	000-006-K77
Histone H4, 16-30 Biotin Conjugated	000-006-K78
Histone H4, 21-35 Biotin Conjugated	000-006-K79
Histone H4, 26-40 Biotin Conjugated	000-006-K80
Histone H4, 31-45 Biotin Conjugated	000-006-K81
Histone H4, 36-50 Biotin Conjugated	000-006-K82
Histone H4, 41-55 Biotin Conjugated	000-006-K83
Histone H4, 46-60 Biotin Conjugated	000-006-K84
Histone H4, 51-65 Biotin Conjugated	000-006-K85
Histone H4, 56-70 Biotin Conjugated	000-006-K86
Histone H4, 61-75 Biotin Conjugated	000-006-K87
Histone H4, 66-80 Biotin Conjugated	000-006-K88
Histone H4, 71-85 Biotin Conjugated	000-006-K89
Histone H4, 76-90 Biotin Conjugated	000-006-K90
Histone H4, 81-95 Biotin Conjugated	000-006-K91
Histone H4, 86-100 Biotin Conjugated	000-006-K92
Histone H4, 90-103 Biotin Conjugated	000-006-K93
Histone H4, 31-45 K44Me1 Biotin Conjugated	000-006-K34
Histone H4, 31-45 K44Me2 Biotin Conjugated	000-006-K35
Histone H4, 36-50 K44Me1	000-001-K44
Histone H4, 36-50 K44Me2	000-001-K45

Peptide	Catalog #
Histone H4, 36-50 K44Me3	000-001-K43
Histone H4, 36-50	000-001-K42
LL-37, Rhodamine conjugated	000-000-M33

KITS

Chromatin Immunoprecipitation (ChIP) coupled with high-throughput parallel sequencing as a detection method (ChIP-seq) is one of the primary methods for epigenomic research to investigate protein-DNA interaction on a genome-wide scale. This technique can be used in a variety of life science disciplines including cellular differentiation, tumor suppressor gene silencing, and the effect of histone modifications on gene expression.

Kit	Reactions	Catalog #
Histone Targeted ChIP-Seq Kit	10	KOA0880
Histone Targeted ChIP-Seq Kit	24	KOA0881
Methylated DNA Targeted Immunoprecipitation Kit	10	KOA0884
Methylated DNA Targeted Immunoprecipitation Kit	48	KOA0885
Small Sample Targeted ChIP Kit	10	KOA0886
Transcription Factor Targeted ChIP-seq Kit	10	KOA0882
Transcription Factor Targeted ChIP-seq Kit	24	KOA0883

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 Belgium	tebu-bio	 Malaysia	Essen-Haus Sdn. Bhd.
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 Canada	Cedarlane	 Netherlands	tebu-bio BV
 Chile	Gene X-Press	 New Zealand	Jomar Life Research
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	Multiscience (Lianke) Biotech	 Poland	Biomol GmbH
	Shanghai Universal Biotech Co.	 Portugal	Quimigen LDA
 Denmark	BioNordika Denmark A/S		tebu-bio
 Finland	Nuppulinnan laboratoriapalvelu Oy	 Singapore	SciMed (Asia) Pte. Ltd.
 France	tebu-bio SAS	 Spain	Quimigen
 Germany	Biomol GmbH		tebu-bio
	Biotrend Chemikalien GmbH	 South Africa	Biocom
 Hong Kong	Dakewe Biotech Hong Kong	 South Korea	Bio-Medical Science
	Lab-a-porter Ltd	 Sweden	BioNordika Sweden AB
 India	Biogenuix Medsystems Pvt. Ltd	 Switzerland	BioConcept
	Biotech Desk Pvt. Ltd.	 Taiwan	Unimed Healthcare
	Labmate (Asia) Pvt. Ltd.	 Tunisia	HexaBiogen
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 Italy	Clinisciences		Cambridge Bioscience
	tebu-bio s.r.l.		Lorna Laboratories
			tebu-bio

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Rockland is a pioneer and leading expert in antibodies. Diversity, specificity, stability, consistency, and reliability are the hallmarks of Rockland products. Rockland guarantees predictable, repeatable results and is one of the most referenced companies in the industry, continuing the collaboration necessary to develop products validated by the most demanding assays.

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