

Datasheet for 600-401-J88**NFkB p65 K310ac Antibody****Overview**

Description:	Anti-NFkB p65 K310ac (RABBIT) Antibody - 600-401-J88
Item No.:	600-401-J88
Size:	100 µg
Applications:	ELISA
Reactivity:	Human, Mouse, Rat, Chicken, Primate
Host Species:	Rabbit

Product Details

Background:	NFkB is a pleiotropic transcription factor present in most cell types and is the endpoint of a series of signal transduction events related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NFkB is contained in the cytoplasm inactively until it is released by a phosphorylated I-kappa-B, allowing the NFkB to translocate to the nucleus. This antibody is ideal for investigators interested in Metabolism, Cancer, Cardiovascular, Microbiology, Epigenetics and Nuclear Signaling, Immunology, Neuroscience, or Cell Biology research.
Synonyms:	rabbit anti-NFkB Ac Lys310 antibody, rabbit anti-NfKB K310ac antibody, NFkB, NFkB β , NF-kB, NF-kappaB, NFkappaB, Transcription factor p65, Nuclear factor NF-kappa-B p65 subunit, Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3, RELA, NFkB3
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	RELA
Reactivity:	Human, Mouse, Rat, Chicken, Primate
PTM Specificity:	Acetylation
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-NFkB K310ac affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic acetylated peptide surrounding Lysine 310 of human TF65 protein.
Purity/Specificity:	Anti-NFkB [ac Lys 310] Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with NFkB K310 ac from other sources has not been determined.
Relevant Links:	• UniProtKB - Q04206

Application Details

Tested Applications:	ELISA
Application Note:	Anti-NFkB [ac Lys 310] Antibody has been tested in ELISA. Anti-NFkB K310ac is useful for in Immunohistochemistry and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~65kDa corresponding to the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:50,000
IHC:	User Optimized
WB:	1ug/ml

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.05mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	50% (v/v) Glycerol with 1 mg/ml Bovine Serum Albumin (BSA)

Shipping & Handling

Shipping Condition:	Dry Ice
----------------------------	---------

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.