

Datasheet for 600-401-J17**HDAC11 (N-terminus) Antibody****Overview**

Description:	Anti-HDAC11 (RABBIT) Antibody - 600-401-J17
Item No.:	600-401-J17
Size:	100 µg
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Histone deacetylases, such as HDAC11, control DNA expression by modifying the core histone octamers that package DNA into dense chromatin structures and repress gene expression. Anti-HDAC11 antibodies are ideal for researchers interested in Breast Cancer, Cancer, Epigenetics, and Histone Deacetylases research.
Synonyms:	rabbit anti-HDAC-11 antibody, HDAC11, HDAC 11, HD 11 antibody, histone deacetylase 11 antibody, Histone deacetylase-11, HD11 antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	HDAC11
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	HDA11 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the N terminus of human HDAC11.
Purity/Specificity:	Anti-HDAC11 was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody is specific towards HDAC11. A BLAST analysis was used to suggest cross-reactivity with Human based on 100% sequence homology. Cross-reactivity with HDAC11 from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q96DB2](#)
- [NCBI - NP_001129513.1](#)
- [GeneID - 79885](#)

Application Details

Application Note:	Anti-HDAC11 antibody is useful for ELISA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~39 kDa 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:	1:20,000 - 1:60,000
IF:	1:100-1:500
IHC:	1:100-1:500
WB:	0.2 µg/ml

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.5 mg/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

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 six (6) months from date of receipt.

Disclaimer

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