

## Datasheet for 600-401-J17

**HDAC11 (N-terminus) Antibody****Overview**

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

**Product Details**

<b>Background:</b>	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.
<b>Synonyms:</b>	rabbit anti-HDAC-11 antibody, HDAC11, HDAC 11, HD 11 antibody, histone deacetylase 11 antibody, Histone deacetylase-11, HD11 antibody
<b>Host Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

**Target Details**

<b>Gene Name:</b>	HDAC11
<b>Reactivity:</b>	Human
<b>Immunogen Type:</b>	Conjugated Peptide
<b>Immunogen:</b>	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.
<b>Purity/Specificity:</b>	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.

<b>Relevant Links:</b>	<ul style="list-style-type: none"><li>• <a href="#">UniProtKB - Q96DB2</a></li><li>• <a href="#">NCBI - NP_001129513.1</a></li><li>• <a href="#">GeneID - 79885</a></li></ul>
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## Application Details

<b>Application Note:</b>	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.
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<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
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<b>ELISA:</b>	1:20,000 - 1:60,000
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<b>IF:</b>	1:100-1:500
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<b>IHC:</b>	1:100-1:500
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<b>WB:</b>	0.2 µg/ml
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## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
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<b>Concentration:</b>	0.5 mg/mL by UV absorbance at 280 nm
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<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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<b>Preservative:</b>	None
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<b>Stabilizer:</b>	50% (v/v) Glycerol
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## Shipping & Handling

<b>Shipping Condition:</b>	Dry Ice
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<b>Storage Condition:</b>	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.
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<b>Expiration:</b>	Expiration date is six (6) months from date of receipt.
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## Disclaimer

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