10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-HDAC11 (RABBIT) Antibody
HDAC11 (N-terminus) Antibody
Catalog # ASR5670

Specification

Anti-HDAC11 (RABBIT) Antibody - Product Information

Host	**Rabbit**
Conjugate	**Unconjugated**
Target Species	**Human**
Reactivity	**Human**
Clonality	**Polyclonal**
Application	**WB, IHC, E, I, LCI**
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.**
Physical State	**Liquid (sterile filtered)**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
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.**
Stabilizer	**50% (v/v) Glycerol**

Anti-HDAC11 (RABBIT) Antibody - Additional Information

Gene ID 79885

Other Names
79885

Purity
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.

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.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

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Anti-HDAC11 (RABBIT) Antibody - Protein Information

Name HDAC11

Function
Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.

Cellular Location
Nucleus.

Tissue Location
Weakly expressed in most tissues. Strongly expressed in brain, heart, skeletal muscle, kidney and testis

Anti-HDAC11 (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HDAC11 (RABBIT) Antibody - Images

Anti-HDAC11 (RABBIT) Antibody - 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.