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HDAC11 Antibody

Rabbit mAb
Catalog # AP90100

Product Information

Application	WB, IP
Primary Accession	Q96DB2
Reactivity	Human
Clonality	Monoclonal
Other Names	HDAC11; HD11; Histone deacetylase 11;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39183

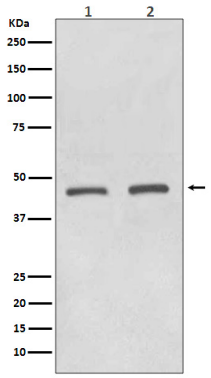
Additional Information

Dilution	WB 1:1000~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HDAC11
Description	play an important role in the modification of chromatin structure and thus in the suppression and activation of transcription and cellular differentiation. There are 11 members in the HDAC family that are classified into four classes. Class I HDACs represent homologs of the yeast histone deacetylase RPD3, class II HDACs share strong homology with the yeast histone deacetylase HDA1, class III HDAC are closely related to the yeast SIR2 protein, and class IV HDACs comprises Histone deacetylase 11 (HDAC11)-related enzymes. HDAC11 contains 347 amino acid residues.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images



Western blot analysis of HDAC11 expression in (1) Jurkat cell lysate;(2) MCF7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.