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HDAC11 Rabbit mAb

Catalog # AP75530

Product Information

Application	WB, IP
Primary Accession	Q96DB2
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	39183

Additional Information

Gene ID	79885
Other Names	HDAC11
Dilution	WB~~1:1000-1:5000 IP~~1:10-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

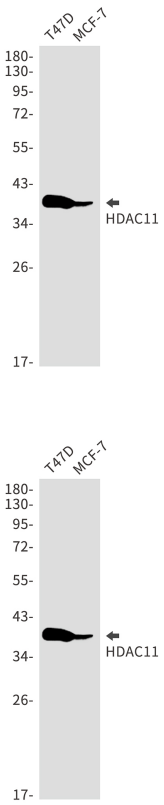
Name	HDAC11
Function	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental 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

Background

This gene encodes a class IV histone deacetylase. The encoded protein is localized to the nucleus and may

be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants.

Images



Western blot analysis of HDAC11/HD11 in T47D, MCF-7 lysates using HDAC11 antibody.

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