

HDAC11 Rabbit Polyclonal Antibody

Catalog #: EAB13468

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB	39	Human, Mouse

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting) 1:500-2000

Product Information

Conjugate	Unconjugate
Specificity	HDAC11 Rabbit Polyclonal Antibody detects endogenous levels of HDAC11 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	Q96DB2
Entrez-Gene ID	79885

Product Description

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. HDAC11 contains conserved residues in the catalytic core regions shared by both class I and II mammalian HDAC enzymes. Expression of HDAC11 is high in the kidney, heart, brain, skeletal muscle, and testis, and it localizes to the cell nucleus. The human gene encoding for HDAC11 maps to chromosome 3p25.

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