

For Research Use Only

HDAC9 Monoclonal antibody

Catalog Number: 67364-1-Ig **2 Publications**



Basic Information

Catalog Number: 67364-1-Ig	GenBank Accession Number: BC152405	Purification Method: Protein A purification
Size: 150ul , Concentration: 1700 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9734	CloneNo.: 1G6C5
Source: Mouse	UNIPROT ID: Q9UKV0	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG2a	Full Name: histone deacetylase 9	
Immunogen Catalog Number: AG28514	Calculated MW: 1011 aa, 111 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Daudi cells, HepG2 cells, Raji cells, K-562 cells, Ramos cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

Background Information

HDAC9, also named as Histone deacetylase 7B, is a 1011 amino acid protein, which is 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. HDAC9 represses MEF2-dependent transcription. HDAC9 is broadly expressed, with highest levels in brain, heart, muscle and testis.

Notable Publications

Author	Pubmed ID	Journal	Application
Yingtong Feng	35595735	Cell Death Dis	WB
Jia-Yi Ning	37602334	Int J Ophthalmol	WB

Storage

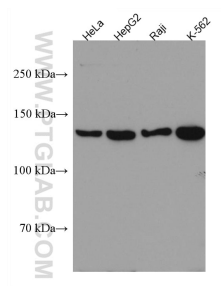
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67364-1-Ig (HDAC9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.