

For Research Use Only

HDAC10 Recombinant antibody

Catalog Number: 83788-4-RR



Basic Information

Catalog Number: 83788-4-RR	GenBank Accession Number: BC125083	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 83933	CloneNo.: 240877E1
Source: Rabbit	UNIPROT ID: Q96958	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: histone deacetylase 10	
Immunogen Catalog Number: AG18851	Calculated MW: 669 aa, 71 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells,
Species Specificity: human	

Background Information

HDAC10, also named as Histone deacetylase 10, is a 669 amino acid protein, which is widely expressed with high levels in liver and kidney. HDAC10, which belongs to the class IIb subfamily, has an active deacetylase domain (DAC) and a catalytically inactive leucine-rich domain (LRD). HDAC10 is determined that it plays a role in homologous recombination, promotes autophagy and survival in neuroblastoma cells, suppresses cervical cancer metastasis and facilitates the cell cycle.

Storage

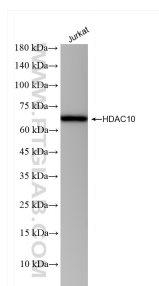
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

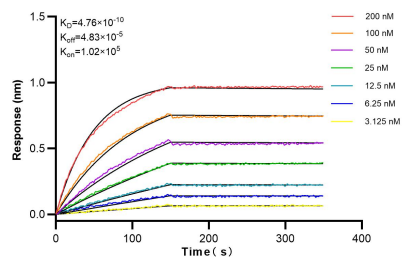
For technical support and original validation data for this product please contact:
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 83788-4-RR (HDAC10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83788-4-RR against Human HDAC10 were performed. The affinity constant is 0.476 nM.