

For Research Use Only

CoraLite® Plus 750-conjugated HDAC3 Recombinant antibody

Catalog Number:CL750-81211



Basic Information

Catalog Number: CL750-81211	GenBank Accession Number: BC000614	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8841	CloneNo.: 2N1
Source: Rabbit	UNIPROT ID: O15379	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: histone deacetylase 3	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG0396	Calculated MW: 49 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : HeLa cells, Jurkat cells
Species Specificity: human, mouse, rat	

Background Information

Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase (HDAC) and histone acetyltransferase (HAT) are enzymes that regulate transcription by selectively deacetylating or acetylating the (-amino groups of lysines located near the amino termini of core histone proteins. At least 4 classes of HDAC were identified. HDAC3 is a class I HDAC. HDAC3 has histone deacetylase activity and may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis. The gene encoding HDAC3 is regarded as a potential tumor suppressor gene.

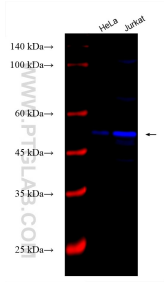
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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 CL750-81211 (HDAC3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.