

For Research Use Only

NDST3 Polyclonal antibody

Catalog Number: 21569-1-AP



Basic Information

Catalog Number: 21569-1-AP	GenBank Accession Number: BC109309	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 9348	Recommended Dilutions: WB: 1:500-1:1000
Source: Rabbit	UNIPROT ID: O95803	
Isotype: IgG	Full Name: N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3	
Immunogen Catalog Number: AG16091	Calculated MW: 873 aa, 101 kDa	
	Observed MW: 44 kDa, 64 kDa, 101 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, HeLa cells
Species Specificity: human, mouse	

Background Information

NDST3 (Glucosaminyl N-deacetylase/N-sulfotransferase 3) is known to catalyze deacetylation and N-sulfation on disaccharide substrates. Aberrant NDST3 expression or tubulin acetylation has been observed in an increasing number of NDs, including amyotrophic lateral sclerosis and frontotemporal dementia (ALS/FTD), schizophrenia and bipolar disorder, Alzheimer's disease (AD), and Parkinson's disease (PD) (PMID: 41268696, 34435379).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

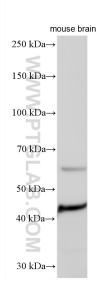
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

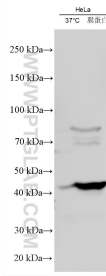
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21569-1-AP (NDST3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 21569-1-AP (NDST3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.