

For Research Use Only

NDST3 Polyclonal antibody

Catalog Number: 21569-1-AP



Basic Information

Catalog Number:

21569-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16091

GenBank Accession Number:

BC109309

GeneID (NCBI):

9348

UNIPROT ID:

O95803

Full Name:

N-deacetylase/N-sulfotransferase
(heparan glucosaminyl) 3

Calculated MW:

873 aa, 101 kDa

Observed MW:

44 kDa, 64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: mouse brain tissue, HeLa cells

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

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

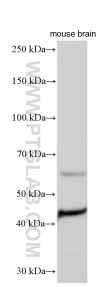
T: 4006900926

E: Proteintech-CN@ptglab.com

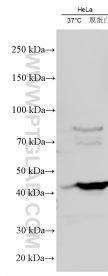
W: ptgcn.com

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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.