

For Research Use Only

# NDST3 Polyclonal antibody, PBS Only

Catalog Number: 21569-1-PBS



## Basic Information

**Catalog Number:**

21569-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

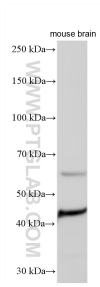
For technical support and original validation data for this product please contact:

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

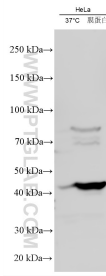
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 21569-1-AP (NDST3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21569-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 21569-1-PBS in a different storage buffer formulation.