

Datasheet for ABIN2459029

**anti-NDST3 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	NDST3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDST3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NDST3.
Purification:	Antibody is purified by peptide affinity chromatography method.

## Target Details

Target:	NDST3
Alternative Name:	NDST3 ( <a href="#">NDST3 Products</a> )
Background:	NDST3 is a member of the heparan sulfate/heparin GlcNAc N-deacetylase/ N-sulfotransferase family. NDST3 is a type II transmembrane protein that resides in the Golgi apparatus. This monomeric bifunctional enzyme catalyzes the N-deacetylation and N-sulfation of N-acetylglucosamine residues in heparan sulfate and heparin, which are the initial chemical modifications required for the biosynthesis of the functional oligosaccharide sequences that

## Target Details

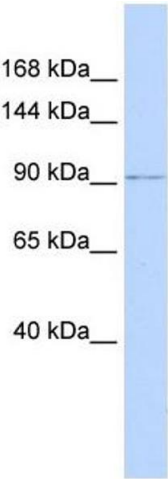
	define the specific ligand binding activities of heparan sulfate and heparin.
Molecular Weight:	101 kDa
Gene ID:	9348
NCBI Accession:	<a href="#">NP_004775</a>
UniProt:	<a href="#">O95803</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	NDST3 antibody can be used for detection of NDST3 by ELISA at 1:1562500. NDST3 antibody can be used for detection of NDST3 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store NDST3 antibody at -20 °C.



**Western Blotting**

**Image 1.**