

Datasheet for ABIN635893 **anti-NDST3 antibody**



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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)

Product Details

Immunogen:	NDST3 antibody was raised using a synthetic peptide corresponding to a region with amino acids PGTDWTVFQINHSA YQPVIFAKV KTPENLSPSISKGAFYATI IHD LGLHD
Purification:	Affinity purified

Target Details

Target:	NDST3
Alternative Name:	NDST3 (NDST3 Products)
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 (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1 µg/mL

Optimal conditions should be determined by the investigator.

Comment: NDST3 Blocking Peptide, catalog no. 33R-7135, is also available for use as a blocking control in assays to test for specificity of this NDST3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NDST3 antibody in PBS

Concentration: Lot specific

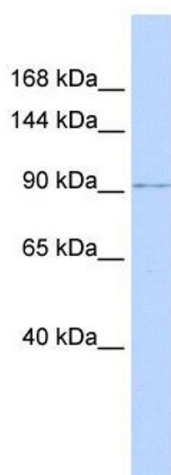
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. NDST3 antibody used at 1 ug/ml to detect target protein.