

Datasheet for ABIN5690070
anti-NDST2 antibody (AA 20-70)



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Overview

Quantity:	0.1 mg
Target:	NDST2
Binding Specificity:	AA 20-70
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDST2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	NDST2 antibody was raised against a 16 amino acid peptide near the amino terminus of human NDST2. The immunogen is located within amino acids 20 - 70 of NDST2.
Isotype:	IgG
Specificity:	NDST2 antibody is human, mouse and rat reactive. At least two isoforms of NDST2 are known to exist, this antibody will only detect the larger isoform. NDST2 antibody is predicted not to cross-react with other members of the NDST protein family.
Purification:	NDST2 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NDST2
Alternative Name:	NDST2 (NDST2 Products)
Background:	The N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2 (NDST2) protein, also known as N-heparan sulfate sulfotransferase 2, and the highly related protein NDST1 have key roles in the sulfation of heparan sulfate proteoglycans, molecules that are present of cell surfaces and the extracellular matrix (1,2). NDST1 and NDST2 are dispensable for mesodermal differentiation into osteoblasts but necessary for induction of adipocytes and neural cells (3).
Molecular Weight:	Predicted: 97 kDa Observed: 101 kDa
Gene ID:	8509
NCBI Accession:	NP_003626
UniProt:	P52849
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	NDST2 antibody can be used for detection of PDCL by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	NDST2 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NDST2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.