

Rabbit NDST2 Polyclonal Antibody | anti-NDST2 antibody

NDST2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40574	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

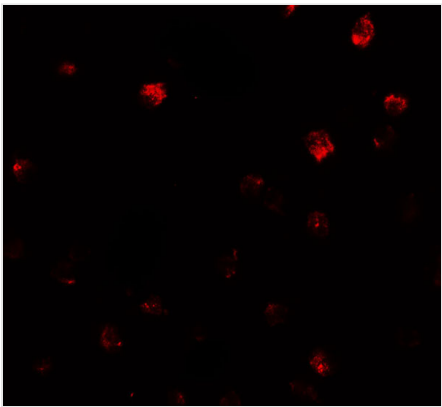
PRODUCT SYNONYMS

NDST2; Polyclonal Antibody; NDST2 Antibody; NST2; HSST2; N-heparan sulfate sulfotransferase 2; NDST-2; N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2; anti-NDST2 antibody

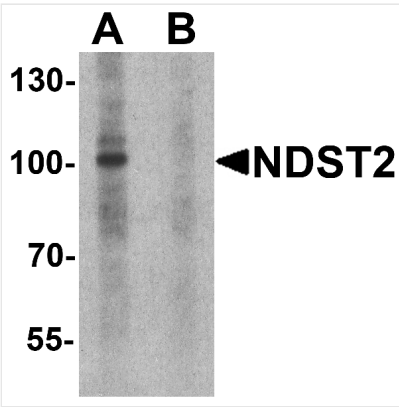
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
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.
Purity/Purification	NDST2 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	883
Applicable Applications for anti-NDST2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NDST2 antibody was raised against a 16 amino acid peptide near the amino terminus of human NDST2
Buffer	NDST2 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NDST2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of NDST2 in Daudi cells with NDST2 antibody at 20 μg/ml.



WB (Western Blot)
Western blot analysis of NDST2 in A-20 cell lysate with NDST2 antibody at 1 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NDST2 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505353
NCBI GeneID	8509
NCBI Accession #	NP_003626
NCBI GenBank Nucleotide #	NM_003635.3
UniProt Accession #	P52849; Q2TB32; Q59H89
Molecular Weight	Predicted: 97 kDa Observed: 101 kDa
NCBI Official Full Name	bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2
NCBI Official Synonym Full Names	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2
NCBI Official Symbol	NDST2
NCBI Official Synonym Symbols	NST2; HSST2
NCBI Protein Information	bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2; NDST-2; N-HSST 2; N-heparan sulfate sulfotransferase 2; glucosaminyl N-deacetylase/N-sulfotransferase 2
UniProt Protein Name	Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2
UniProt Gene Name	NDST2
UniProt Synonym Gene Names	HSST2; NDST-2; N-HSST 2
UniProt Entry Name	NDST2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

