abcam

Product datasheet

Anti-NDST2 antibody - N-terminal ab191613

1 Image

Overview

Product name	Anti-NDST2 antibody - N-terminal
Description	Rabbit polyclonal to NDST2 - N-terminal
Host species	Rabbit
Specificity	At least two isoforms of NDST2 are known to exist; ab191613 will only detect the larger isoform. ab191613 is predicted not to cross-react with other members of the NDST protein family.
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse
Immunogen	Synthetic peptide corresponding to Human NDST2 (N terminal). (16 amino acids). NP_003626. Database link: **P52849**
Positive control	WB: A20 cell lysate
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	ab191613 is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab191613 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 101 kDa (predicted molecular weight: 101 kDa).

Target

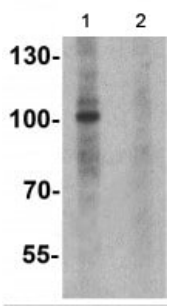
Function Essential bifunctional enzyme that catalyzes both the N-deacetylation and the N-sulfation of glucosamine (GlcNAc) of the glycosaminoglycan in heparan sulfate. Modifies the GlcNAc-GlcA disaccharide repeating sugar backbone to make N-sulfated heparosan, a prerequisite substrate for later modifications in heparin biosynthesis. Plays a role in determining the extent and pattern of sulfation of heparan sulfate.

Pathway Glycan metabolism; heparan sulfate biosynthesis.
Glycan metabolism; heparin biosynthesis.

Sequence similarities Belongs to the sulfotransferase 1 family. NDST subfamily.

Cellular localization Golgi apparatus membrane.

Images



Western blot - Anti-NDST2 antibody - N-terminal (ab191613)

All lanes : Anti-NDST2 antibody - N-terminal (ab191613) at 1 µg/ml

Lane 1 : A20 cell lysate
Lane 2 : A20 cell lysate with blocking peptide

Lysates/proteins at 15 µg per lane.

Predicted band size: 101 kDa

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