

NDST1 polyclonal antibody

Catalog: BS66273

Host: Rabbit

Reactivity: Human

BackGround:

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. Participates in biosynthesis of heparan sulfate that can ultimately serve as L-selectin ligands, thereby playing a role in inflammatory response. Required for the exosomal release of SDCBP, CD63 and syndecan.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 120 kDa

Swiss-Prot:

P52848

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:200

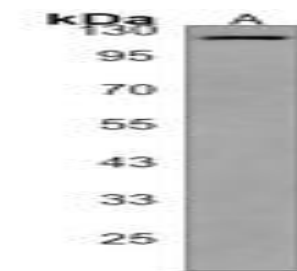
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

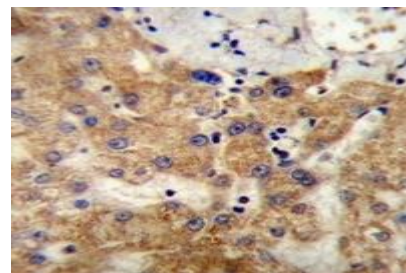
Specificity:

NDST1 polyclonal antibody detects endogenous levels of NDST1 protein.

DATA:



Western blot analysis of NDST1 expression in CEM (A) whole cell lysates.



Immunohistochemical analysis of NDST1 staining in human liver formalin fixed paraffin embedded tissue section.

Note:

For research use only, not for use in diagnostic procedure.

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