Anti-NDST3 (aa 808-836) polyclonal antibody (DPABH-10397)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description: 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. Has high deacetylase activity but low sulfotransferase activity.

Immunogen: Synthetic peptide within Human NDST3 aa 808-836 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: NDST3

Isotype: IgG

Source/Host: Rabbit

Species Reactivity: Human

Purification: Immunogen affinity purified

Conjugate: Unconjugated

Applications: WB

Format: Liquid

Size: 400 μl

Buffer: Constituent: 99% PBS


GENE INFORMATION

Gene Name: NDST3 N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3 [ Homo sapiens ]

Official Symbol: NDST3

Synonyms: NDST3; N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3; bifunctional heparan
sulfate N-deacetylase/N-sulfotransferase 3; HSST3; NDST-3; hNDST-3; N-HSST 3; N-heparan sulfate sulfotransferase 3; GlcNAc N-deacetylase/ N-sulfotransferase 3; glucosaminy N-deacetylase/N-sulfotransferase 3; MGC130028; MGC130029;

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<td><strong>Protein Refseq</strong></td>
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<td><strong>UniProt ID</strong></td>
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<td><strong>Chromosome Location</strong></td>
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<td><strong>Pathway</strong></td>
<td>Glycosaminoglycan biosynthesis - heparan sulfate; Glycosaminoglycan biosynthesis, heparan sulfate backbone; Metabolic pathways; heparan sulfate biosynthesis.</td>
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<td><strong>Function</strong></td>
<td>[heparan sulfate]-glucosamine N-sulfotransferase activity; deacetylase activity; sulfotransferase activity; transferase activity;</td>
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