

NDST3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57379**Specification**

NDST3 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O95803
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100902

NDST3 Polyclonal Antibody - Additional Information**Gene ID** 9348**Other Names**

Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 3, 2.8.2.8, Glucosaminyl N-deacetylase/N-sulfotransferase 3, NDST-3, hNDST-3, N-heparan sulfate sulfotransferase 3, N-HSST 3, Heparan sulfate N-deacetylase 3, 3.-.-., Heparan sulfate N-sulfotransferase 3, 2.8.2.-, NDST3, HSST3

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NDST3 Polyclonal Antibody - Protein Information**Name** NDST3 ([HGNC:7682](#))**Synonyms** HSST3**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. Has high deacetylase activity but low sulfotransferase activity.

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

Expressed in brain, kidney, liver, fetal and adult lung, adult pancreas, placenta, fetal spleen and

fetal thymus. Not detected in adult/ fetal heart and skeletal muscle

NDST3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDST3 Polyclonal Antibody - Images