

Product datasheet for **TA338610**

NDST4 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-NDST4 antibody: synthetic peptide directed towards the N terminal of human NDST4. Synthetic peptide located within the following region: EDWTIFQYNHSTYQPVLLTELQTEKSLSSLSSKTLFATVIQDLGLHDGIQ |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration: | lot specific |
| Purification: | Protein A purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 101 kDa |
| Gene Name: | N-deacetylase/N-sulfotransferase 4 |
| Database Link: | NP_072091 Entrez Gene 64579 Human Q9H3R1 |
| Background: | NDST4 is an essential bifunctional enzyme that catalyzes both the N-deacetylation and the N-sulfation of glucosamine (GlcNAc) of the glycosaminoglycan in heparan sulfate. It modifies the GlcNAc-GlcA disaccharide repeating sugar backbone to make N-sulfated heparosan, a prerequisite substrate for later modifications in heparin biosynthesis. NDST4 has low deacetylase activity but high sulfotransferase activity. |



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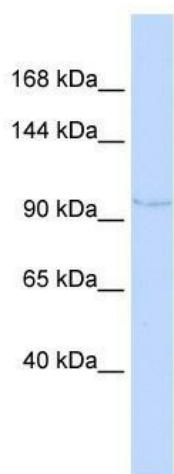
Synonyms: N-HSST; N-HSST 4; NDST-4; NHSST4

Note: Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%; Zebrafish: 90%

Protein Families: Transmembrane

Protein Pathways: Heparan sulfate biosynthesis, Metabolic pathways

Product images:



WB Suggested Anti-NDST4 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: HepG2 cell lysate NDST4 is supported by
BioGPS gene expression data to be expressed in
HepG2