

## Product datasheet for **TA388426**

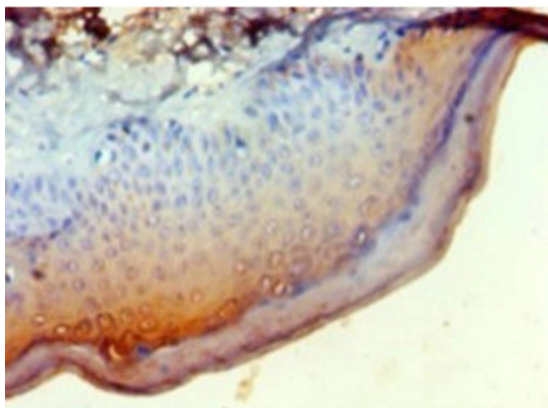
### NDST1 Rabbit Polyclonal Antibody

#### Product data:

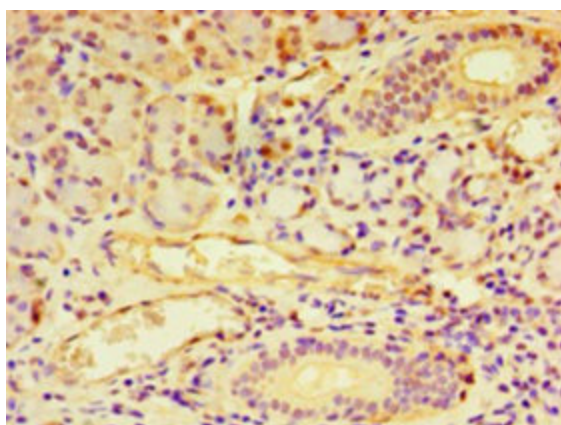
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1 protein (40-556AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">P52848</a>
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. Compared to other NDST enzymes, its presence is absolutely required. Participates in biosynthesis of heparan sulfate that can ultimately serve as L-selectin ligands, thereby playing a role in inflammatory response.



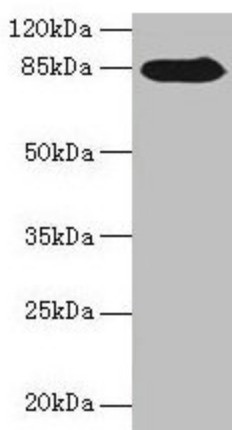
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**Product images:**

Immunohistochemistry of paraffin-embedded human skin tissue using TA388426 at dilution of 1:100



Immunohistochemistry of paraffin-embedded human pancreatic tissue using TA388426 at dilution of 1:100



Western blot  
All lanes: NDST1 antibody at 6 $\mu$ g/ml + MCF-7 whole cell lysate  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 101, 63 kDa  
Observed band size: 85 kDa