

Product datasheet for **TA339032**

HS3ST3B1 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-HS3ST3B1 antibody: synthetic peptide directed towards the N terminal of human HS3ST3B1. Synthetic peptide located within the following region: AMLCVWLYMFLYSCAGSCAAAPGLLLLGSRSRAAHDPPALATAPDGTPPR
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:	43 kDa
Gene Name:	heparan sulfate-glucosamine 3-sulfotransferase 3B1
Database Link:	NP_006032 Entrez Gene 9953 Human Q9Y662



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Background: Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotransferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This gene is widely expressed, with the most abundant expression in liver and placenta. [provided by RefSeq, Jul 2008]

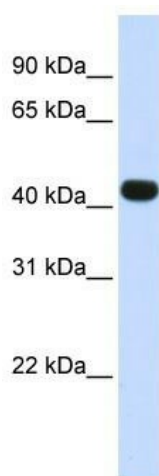
Synonyms: 3-OST-3B; 3OST3B1; h3-OST-3B

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Bovine: 92%; Rabbit: 87%; Guinea pig: 86%

Protein Families: Transmembrane

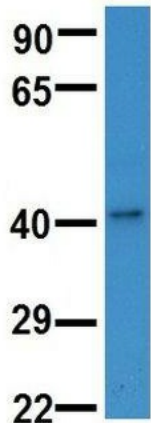
Protein Pathways: Glycosaminoglycan degradation, Heparan sulfate biosynthesis

Product images:



WB Suggested Anti-HS3ST3B1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive
Control: Human Muscle

HS3ST3B1



Rabbit Anti-HS3ST3B1
Sample Type: Human Fetal Heart
Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: HS3ST3B1; Sample
Tissue: Human Fetal Heart; Antibody Dilution: 1.0
ug/ml