

HS3ST3B1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56684**Specification**

HS3ST3B1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y662
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43324

HS3ST3B1 Polyclonal Antibody - Additional Information**Gene ID** 9953**Other Names**

Heparan sulfate glucosamine 3-O-sulfotransferase 3B1, 2.8.2.30, Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3B1, 3-OST-3B, Heparan sulfate 3-O-sulfotransferase 3B1, h3-OST-3B, HS3ST3B1, 3OST3B1, HS3ST3B

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.

HS3ST3B1 Polyclonal Antibody - Protein Information**Name** HS3ST3B1**Synonyms** 3OST3B1, HS3ST3B**Function**

Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to an N-unsubstituted glucosamine linked to a 2-O-sulfo iduronic acid unit on heparan sulfate (PubMed: [10520990](http://www.uniprot.org/citations/10520990), PubMed: [9988768](http://www.uniprot.org/citations/9988768)). Catalyzes the O-sulfation of glucosamine in IdoUA2S-GlcNS and also in IdoUA2S-GlcNH2 (PubMed: [10520990](http://www.uniprot.org/citations/10520990), PubMed: [9988768](http://www.uniprot.org/citations/9988768)). The substrate-specific O-sulfation generates an enzyme-modified heparan sulfate which acts as a binding receptor to Herpes simplex virus-1 (HSV-1) and permits its entry (PubMed: [10520990](http://www.uniprot.org/citations/10520990), PubMed: [9988768](http://www.uniprot.org/citations/9988768)). Unlike HS3ST1/3-OST-1, does not convert non- anticoagulant heparan sulfate to anticoagulant heparan sulfate (PubMed: [10520990](http://www.uniprot.org/citations/10520990)).

href="http://www.uniprot.org/citations/9988768" target="_blank">9988768).

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

Ubiquitous. Most abundant in liver and placenta, followed by heart and kidney.

HS3ST3B1 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](#)

HS3ST3B1 Polyclonal Antibody - Images