HS3ST3B1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HS3ST3B1, Polyclonal Antibody
Full Product Name	Rabbit anti-Human HS3ST3B1 Polyclonal Antibody
Product Gene Name	anti-HS3ST3B1 antibody
Product Synonym Names	Heparan sulfate glucosamine 3-O-sulfotransferase 3B1 (EC 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; HS3ST3B1 Antibody, HRP conjugated
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	43,324 Da
OMIM	604058
3D Structure	ModBase 3D Structure for Q9Y662
Immunogen Species	Human
Immunogen	Recombinant Human Heparan sulfate glucosamine 3-O-sulfotransferase 3B1 protein (54-390aa)
Conjugation	HRP
Product Categories/Family for anti-HS3ST3B1 antibody	Microbiology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HS3ST3B1 antibody	ELISA (EIA)
Related Product Information for anti-HS3ST3B1 antibody	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. Catalyzes the O-sulfation of glucosamine in IdoUA2S-GlcNS and also in IdoUA2S-GlcNH2. 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. Unlike 3-OST-1, does not convert non-anticoagulant heparan sulfate to anticoagulant heparan sulfate.
Other Notes	Small volumes of anti-HS3ST3B1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HS3ST3B1 purchase	MBS7137685 is an antibody targeting HS3ST3B1. Also known as Rabbit anti-Human HS3ST3B1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HS3ST3B1. It may not necessarily be applicable to this product.

NCBI GI #	5174467
NCBI GeneID	9953
NCBI Accession #	NP_006032.1
UniProt Primary Accession #	Q9Y662
UniProt Secondary Accession #	B3KN58; D3DTS6
UniProt Related Accession #	Q9Y662
GenBank Nucleotide #	NM_006041.1
NCBI Official Full Name	heparan sulfate glucosamine 3-O-sulfotransferase 3B1
NCBI Official Synonym Full Names	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1
NCBI Official Symbol	HS3ST3B1
NCBI Official Synonym Symbols	30ST3B1; 3OST3B1
UniProt Protein Name	Heparan sulfate glucosamine 3-O-sulfotransferase 3B1
UniProt Synonym Protein Names	Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3B1; 3-OST-3B; Heparan sulfate 3-O-sulfotransferase 3B1; h3-OST-3B
Protein Family	Heparan sulfate glucosamine 3-O-sulfotransferase
UniProt Gene Name	HS3ST3B1
UniProt Synonym Gene Names	3OST3B1; HS3ST3B; 3-OST-3B; Heparan sulfate 3-O-sulfotransferase 3B1; h3-OST-3B
UniProt Entry Name	HS3SB_HUMAN
NCBI Protein Information	heparan sulfate glucosamine 3-O-sulfotransferase 3B1; 3-OST-3B; h3-OST-3B; heparan sulfate 3-O-sulfotransferase 3B1; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3B1
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