

Rabbit HS3ST2 Polyclonal Antibody | anti-HS3ST2 antibody

HS3ST2 Antibody (C-term)

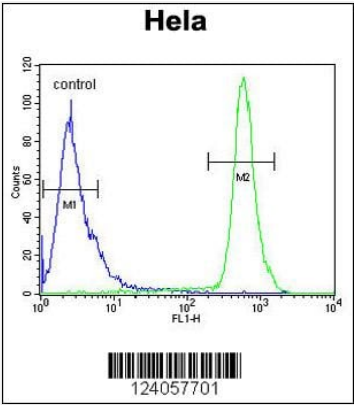
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289583	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

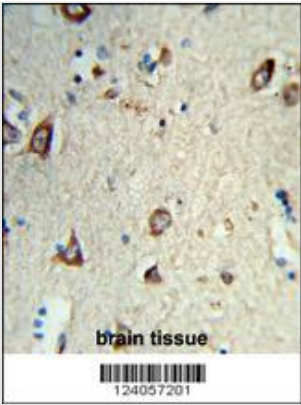
HS3ST2; Polyclonal Antibody; HS3ST2 Antibody (C-term); Heparan sulfate glucosamine 3-O-sulfotransferase 2; Heparan sulfate D-glucosaminy 3-O-sulfotransferase 2; 3-OST-2; Heparan sulfate 3-O-sulfotransferase 2; h3-OST-2; 3OST2; anti-HS3ST2 antibody

PRODUCT SPECIFICATIONS

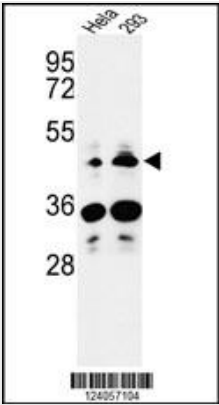
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HS3ST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-346 amino acids from the C-terminal region of human HS3ST2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	317-346
Sequence Length	367
Applicable Applications for anti-HS3ST2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HS3ST2 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with HS3ST2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HS3ST2 Antibody (C-term) in HeLa, 293 cell line lysates (35ug/lane). HS3ST2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HS3ST2 antibody	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 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.
Product Categories/Family for anti-HS3ST2 antibody	Signal Transduction
References	Ikeda, M., et al. Biol. Psychiatry 67(3):263-269(2010) Nat. Genet. 41(7):824-828(2009) Mochizuki, H., et al. J. Biol. Chem. 283(45):31237-31245(2008) Lawrence, R., et al. Matrix Biol. 26(6):442-455(2007) O'Donnell, C.D., et al. Virology 346(2):452-459(2006) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174463
NCBI GeneID	9956
NCBI Accession #	NP_006034.1

NCBI GenBank Nucleotide #	NM_006043.1
UniProt Accession #	Q9Y278 ; Q52LZ1
Molecular Weight	41501
NCBI Official Full Name	heparan sulfate glucosamine 3-O-sulfotransferase 2
NCBI Official Synonym Full Names	heparan sulfate (glucosamine) 3-O-sulfotransferase 2
NCBI Official Symbol	HS3ST2
NCBI Official Synonym Symbols	3OST2; 3OST2
NCBI Protein Information	heparan sulfate glucosamine 3-O-sulfotransferase 2
UniProt Protein Name	Heparan sulfate glucosamine 3-O-sulfotransferase 2
UniProt Gene Name	HS3ST2
UniProt Synonym Gene Names	3OST2; 3-OST-2; Heparan sulfate 3-O-sulfotransferase 2; h3-OST-2
UniProt Entry Name	HS3S2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hs3st2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289583>