

Rabbit CHST1 Polyclonal Antibody | anti-CHST1 antibody

CHST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233188	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

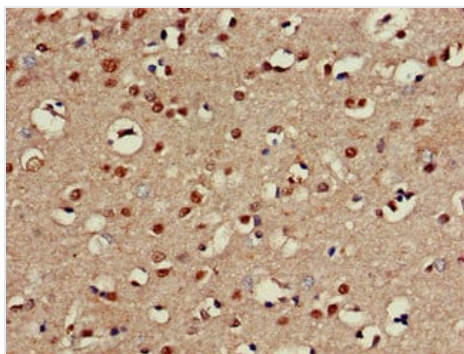
PRODUCT SYNONYMS

CHST1; Polyclonal Antibody; CHST1 Antibody; Carbohydrate sulfotransferase 1; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 1; GST-1; Keratan sulfate Gal-6 sulfotransferase; KS6ST; KSGal6ST; KSST; anti-CHST1 antibody

PRODUCT SPECIFICATIONS

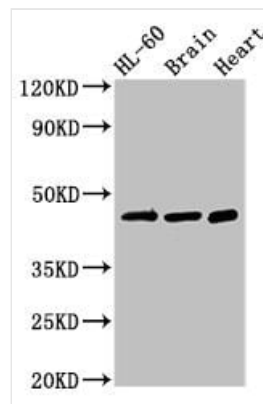
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	411
Applicable Applications for anti-CHST1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Carbohydrate sulfotransferase 1 protein (305-397AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233188 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: HL-60 whole cell lysate, Mouse brain tissue, Rat heart tissueAll lanes: CHST1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 47 KDaObserved band size: 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHST1 antibody	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the transfer of sulfate to position 6 of galactose (Gal) residues of keratan. Has a preference for sulfating keratan sulfate, but it also transfers sulfate to the unsulfated polymer. The sulfotransferase activity on sialyl LacNAc structures is much higher than the corresponding desialylated substrate, and only internal Gal residues are sulfated. May function in the sulfation of sialyl N-acetyllactosamine oligosaccharide chains attached to glycoproteins. Participates in biosynthesis of selectin ligands. Selectin ligands are present in high endothelial cells (HEVs) and play a central role in lymphocyte homing at sites of inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502841
NCBI GeneID	8534
NCBI Accession #	NP_003645.1
NCBI GenBank Nucleotide #	NM_003654.5
UniProt Accession #	O43916; D3DQP2
Molecular Weight	46,715 Da
NCBI Official Full Name	carbohydrate sulfotransferase 1
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 1
NCBI Official Symbol	CHST1
NCBI Official Synonym Symbols	C6ST; KSST; GST-1; KS6ST; KSGal6ST
NCBI Protein Information	carbohydrate sulfotransferase 1
UniProt Protein Name	Carbohydrate sulfotransferase 1
UniProt Gene Name	CHST1
UniProt Synonym Gene Names	GST-1; KS6ST; KSGal6ST; KSST

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://stage.aaabiotech.com/polyclonal/chst1-antibody-immunohistochemistry-western-blot-elisa/233188>