

Rabbit anti-Human, Mouse HS6ST1 Polyclonal Antibody | anti-HS6ST1 antibody

HS6ST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231530	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

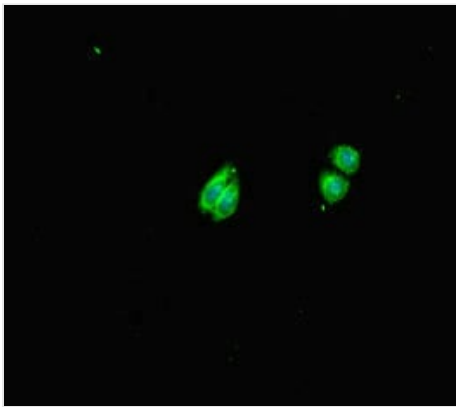
PRODUCT SYNONYMS

HS6ST1; Polyclonal Antibody; HS6ST1 Antibody; Heparan-sulfate 6-O-sulfotransferase 1; HS6ST; anti-HS6ST1 antibody

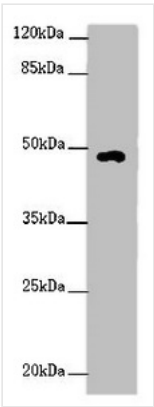
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	411
Applicable Applications for anti-HS6ST1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Heparan-sulfate 6-O-sulfotransferase 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-109941 / sc-109943
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



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA231530 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western blotAll lanes :HS6ST1 antibody at 2 ug/ml+Mouse skeletal muscle tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 49,30 kDaObserved band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HS6ST1 antibody	6-O-sulfation enzyme which catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to position 6 of the N-sulfoglucosamine residue (GlcNS) of heparan sulfate. Critical for normal neuronal development where it may play a role in neuron branching. May also play a role in limb development. May prefer iduronic acid.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747866
NCBI GeneID	9394
NCBI Accession #	NP_004798.3
NCBI GenBank Nucleotide #	NM_004807.2
UniProt Accession #	O60243; Q53SL2; Q9BVI1; B4DEP2; B4DJ29
Molecular Weight	29,870 Da
NCBI Official Full Name	heparan-sulfate 6-O-sulfotransferase 1
NCBI Official Synonym Full Names	heparan sulfate 6-O-sulfotransferase 1
NCBI Official Symbol	HS6ST1
NCBI Official Synonym Symbols	HH15; HS6ST
NCBI Protein Information	heparan-sulfate 6-O-sulfotransferase 1
UniProt Protein Name	Heparan-sulfate 6-O-sulfotransferase 1
UniProt Gene Name	HS6ST1
UniProt Synonym Gene Names	HS6ST; HS6ST-1
UniProt Entry Name	H6ST1_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.