

Rabbit anti-Human HS2ST1 Polyclonal Antibody | anti-HS2ST1 antibody

HS2ST1 Antibody (N-term)

CATALOG # AAA287694	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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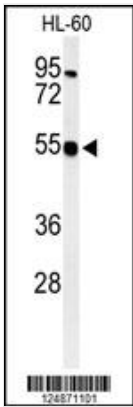
PRODUCT SYNONYMS

HS2ST1; Polyclonal Antibody; HS2ST1 Antibody (N-term); Heparan sulfate 2-O-sulfotransferase 1; 2-O-sulfotransferase; 2OST; 282-; HS2ST; KIAA0448; anti-HS2ST1 antibody

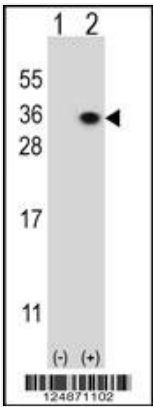
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HS2ST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human HS2ST1.
Purity/Purification	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	16-45
Sequence Length	229
Applicable Applications for anti-HS2ST1 antibody	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.

IMAGES



WB (Western Blot)
Western blot analysis of HS2ST1 Antibody (N-term) in HL-60 cell line lysates (35ug/lane).HS2ST1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of HS2ST1 (arrow) using rabbit polyclonal HS2ST1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the HS2ST1 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-HS2ST1 antibody	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. Heparan sulfate 2-O-sulfotransferase is a member of the heparan sulfate biosynthetic enzyme family. This family member transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of the HS2ST1 gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation.
Product Categories/Family for anti-HS2ST1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	197382758
NCBI GeneID	9653
NCBI Accession #	NP_001127964.1; NP_036394.1
NCBI GenBank Nucleotide #	NM_001134492.1
UniProt Accession #	Q7LGA3; O75036; Q32NB5; Q8TAC5; Q9H441; Q9NUJ9; D3DT22
Molecular Weight	41881
NCBI Official Full Name	heparan sulfate 2-O-sulfotransferase 1 isoform 2
NCBI Official Synonym Full Names	heparan sulfate 2-O-sulfotransferase 1
NCBI Official Symbol	HS2ST1
NCBI Official Synonym Symbols	dJ604K5.2
NCBI Protein Information	heparan sulfate 2-O-sulfotransferase 1
UniProt Protein Name	Heparan sulfate 2-O-sulfotransferase 1
UniProt Gene Name	HS2ST1
UniProt Synonym Gene Names	HS2ST; KIAA0448; 2-O-sulfotransferase; 2OST
UniProt Entry Name	HS2ST_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/hs2st1-antibody-western-blot-elisa/287694>