

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

HS2ST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118265	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

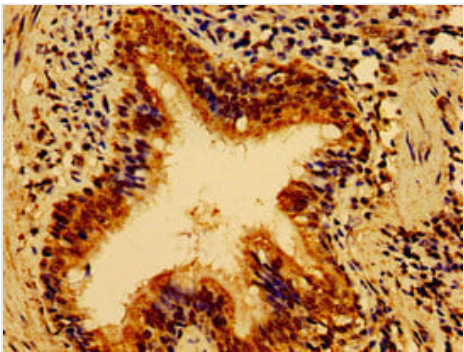
PRODUCT SYNONYMS

HS2ST1; Polyclonal Antibody; HS2ST1 Antibody; Heparan sulfate 2-O-sulfotransferase 1 (EC:2.8.2.-); 2-O-sulfotransferase; 2OST; HS2ST; KIAA0448; anti-HS2ST1 antibody

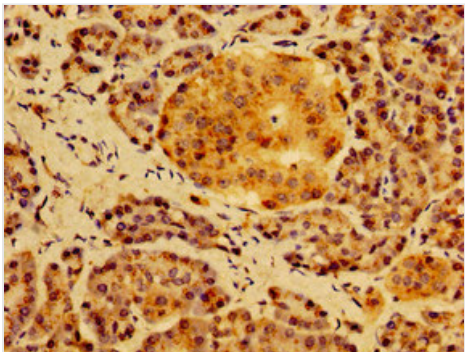
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	229
Applicable Applications for anti-HS2ST1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Heparan sulfate 2-O-sulfotransferase 1 protein (29-229AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Species	Human
Research Area	Signal Transduction
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-103549 / sc-130779 / sc-292203
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

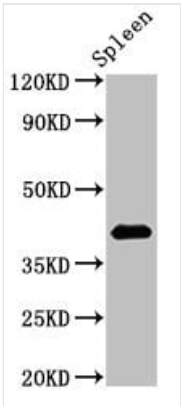
IMAGES



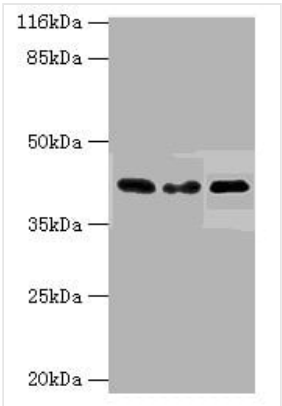
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using AAA118265 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA118265 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: Rat spleen tissueAll lanes: HS2ST1 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 42,35,27 KDaObserved band size: 42 KDa



WB (Western Blot)
Western blotAll lanes: HS2ST1 antibody at 6ug/mlLane 1:mouse skeletal muscle tissueLane 2:mouse heart tissueLane 3:PC-3 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 42,35,27 kDaObserved band size: 42 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HS2ST1 antibody	Catalyzes the transfer of sulfate to the C2-position of selected hexuronic acid residues within the maturing heparan sulfate (HS). 2-O-sulfation within HS, particularly of iduronate residues, is essential for HS to participate in a variety of high-affinity ligand-binding interactions and signaling processes. Mediates 2-Osulfation of both L-iduronyl and D-glucuronyl residues (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197382758
NCBI GeneID	9653
NCBI Accession #	NP_001127964.1
NCBI GenBank Nucleotide #	NM_001134492.1
UniProt Accession #	Q7LGA3; O75036; Q32NB5; Q8TAC5; Q9H441; Q9NUJ9; D3DT22
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hs2st1-antibody-immunohistochemistry-western-blot-elisa/118265>