10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HS6ST2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21139a

Product Information

Application	WB, E
Primary Accession	Q96MM7
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52098
Calculated MW	69130

Additional Information

Gene ID	90161
Other Names	Heparan-sulfate 6-O-sulfotransferase 2, HS6ST-2, 282-, HS6ST2
Target/Specificity	This HS6ST2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 497-530 amino acids from the C-terminal region of human HS6ST2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HS6ST2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HS6ST2 (HGNC:19133)
Function	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.
Cellular Location	Membrane; Single-pass type II membrane protein

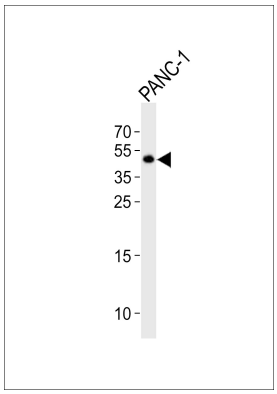
Background

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.

References

Habuchi H.,et al.Biochem. J. 371:131-142(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ross M.T.,et al.Nature 434:325-337(2005).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Western blot analysis of lysate from PANC-1 cell line, using HS6ST2 Antibody (C-term)(Cat. #AP21139a). AP21139a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.