



Hard-to-Find Antibody

HS3ST3A1 DNAxPab

Catalog # H00009955-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HS3ST3A1 expression in transfected 293T cell line by HS3ST3A1 DNAxPab polyclonal antibody.

Lane 1: HS3ST3A1 transfected lysate(61.05 KDa). Lane 2: Non-transfected lysate.

Specification	
Product Description	Rabbit polyclonal antibody raised against a partial-length human HS3ST3A1 DNA using DNAx™ Im mune technology.
Technology	DNAx™ Immune
Immunogen	HS3ST3A1 (NP_006033.1, 44 a.a. ~ 406 a.a) partial-length human DNA
Sequence	ERCQTLSGPVVGLSGGGEEAGAPGGGVLAGGPRELAVWPAAAQRKRLLQLPQWRRRRPPAPR DDGEEAAWEEESPGLSGGPGGSGAGSTVAEAPPGTLALLLDEGSKQLPQAIIGVKKGGTRALLE FLRVHPDVRAVGAEPHFFDRSYDKGLAWYRDLMPRTLDGQITMEKTPSYFVTREAPARISAMSK DTKLIVVVRDPVTRAISDYTQTLSKRPDIPTFESLTFKNRTAGLIDTSWSAIQIGIYAKHLEHWLRHFPI RQMLFVSGERLISDPAGELGRVQDFLGLKRIITDKHFYFNKTKGFPCLKKAEGSSRPHCLGKTKGR THPEIDREVVRRLREFYRPFNLKFYQMTGHDFGWDG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

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Product Information

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HS3ST3A1	
Entrez GenelD	<u>9955</u>
GeneBank Accession#	<u>NM_006042.1</u>
Protein Accession#	<u>NP_006033.1</u>
Gene Name	HS3ST3A1
Gene Alias	30ST3A1, 3OST3A1
Gene Description	heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1
Omim ID	<u>604057</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct hep aran sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this g ene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membran e protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotran sferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosa minyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This ge ne is widely expressed, with the most abundant expression in liver and placenta. [provided by Ref Seq



Product Information

Other Designations

OTTHUMP00000064678|heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1|heparin-gluco samine 3-O-sulfotransferase

Pathway

- <u>Glycosaminoglycan degradation</u>
- Heparan sulfate biosynthesis