

DNAxPAb

Hard-to-Find
Antibody

HS3ST1 DNAxPab

Catalog # H00009957-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HS3ST1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAALLLGAVLLVAQPQLVPSRPAELGQQELLRKAGTLQDDVRDGVAPNGSAQQLPQTIIIGVRKG GTRALLEMLSLHPDVAAAENEVHFFDWEHSHGLGWYLSQMPFSWPHQLTVEKTPAYFTSPK VPERVYSMNPSIRLLILRDPSEVLSDYTQVFYNHMQKHKPYPSIEEFLVRDGRNLVDYKALNRSL YHVHMQNWLRFFPLRHHIVDGDRLIRDPFPEIQKVERFLKLSPQINASNFYFNKTKGFYCLRDSCR DRCLHESKGRAHPQVDPKLLNKLHEYFHEPNKKFFELVGRTFDWH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HS3ST1

Entrez GeneID	9957
GeneBank Accession#	NM_005114.2
Protein Accession#	NP_005105.1
Gene Name	HS3ST1
Gene Alias	3OST, 3OST1
Gene Description	heparan sulfate (glucosamine) 3-O-sulfotransferase 1
Omim ID	603244
Gene Ontology	Hyperlink
Gene Summary	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It possesses both heparan sulfate glucosaminyl 3-O-sulfotransferase activity, anticoagulant heparan sulfate conversion activity, and is a rate limiting enzyme for synthesis of anticoagulant heparan. This enzyme is an intraluminal Golgi resident protein. [provided by RefSeq]
Other Designations	heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1 heparin-glucosamine 3-O-sulfotransferase

Pathway

- [Heparan sulfate biosynthesis](#)