

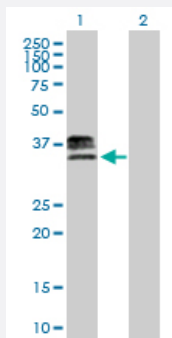
MaxPab®

HS3ST1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009957-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HS3ST1 expression in transfected 293T cell line ([H00009957-T01](#)) by HS3ST1 MaxPab polyclonal antibody.

Lane 1: HS3ST1 transfected lysate(33.77 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HS3ST1 protein.

Immunogen

HS3ST1 (NP_005105.1, 1 a.a. ~ 307 a.a) full-length human protein.

Sequence

MAALLLGAVLLVAQPQLVPSRPAELGQQELLRKAGTLQDDVRDGVAPNGSAQQLPQTIIIGVRKG
GTRALLEMLSLHPDVAAAENEVHFFDWEHSHGLGWYLSQMPFSWPHQLTVEKTPAYFTSPK
VPERVYSMNPSIRLLILRDPSEVLSDYTQVFYNHMQKHKPYPSIEEFLVRDGRNLNDYKALNRS
YHVMQNWLRFFPLRHHIVDGDRLIRDPFPEIQKVERFLKLSQINASFYFNKTKGFYCLRD
SGRDRCLHESKGRAHPQVDPKLLNLHEYFHEPNKKFFELVGRTFDWH

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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.

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[Protocol Download](#)

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](#)