

DNAPab

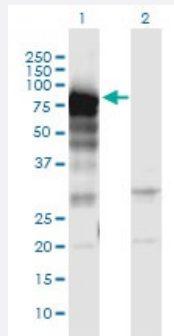
Hard-to-Find
Antibody

HS3ST3A1 DNAPab

Catalog # H00009955-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HS3ST3A1 expression in transfected 293T cell line by HS3ST3A1 DNAPab 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™ Immune technology.

Technology

[DNAX™ Immune](#)

Immunogen

HS3ST3A1 (NP_006033.1, 44 a.a. ~ 406 a.a) partial-length human DNA

Sequence

ERCQTLSGPVVGLSGGGEEAGAPGGVLAGGPRELAVWPAAAQRKRLLQLPQWRRRRPPAPR
DDGEEAAWEEESPGLSGGPGGSGAGSTVAEAPPGLALLLDEGSKQLPQAIIGVKKGGTRALLE
FLRVHPDVRVGAEPHFFDRSYDKGLAWYRDLMPRTLGGQITMEKTPSYFVTREAPARISAMSK
DTKLIVVRDPVTRAISDYQTLKRPDIPTFESLTFKNRTAGLIDTSWSAIQIGYAKHLEHWLRHFPI
RQMLFVSGERLISDPAGELGRVQDFLGLKRIITDKHFYFNKTKGFPCCLKAEGSSSRPHCLGKTKGR
THPEIDREVVRRLREFYRPFNLKFYQMTGHDFGWDG

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)

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

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — HS3ST3A1

Entrez GeneID[9955](#)**GeneBank Accession#**[NM_006042.1](#)**Protein Accession#**[NP_006033.1](#)**Gene Name**

HS3ST3A1

Gene Alias

3OST3A1, 3OST3A1

Gene Description

heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1

Omim ID[604057](#)**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 is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. The sulfotransferase domain of this enzyme is highly similar to the same domain of heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3A1, and these two enzymes sulfate an identical disaccharide. This gene is widely expressed, with the most abundant expression in liver and placenta. [provided by RefSeq]

Other Designations

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

Pathway

- [Glycosaminoglycan degradation](#)
- [Heparan sulfate biosynthesis](#)