

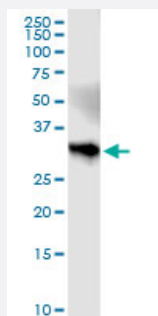
MaxPab®

# HS2ST1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009653-D01

Size 100 uL

## Applications



### Immunoprecipitation

Immunoprecipitation of HS2ST1 transfected lysate using anti-HS2ST1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HS2ST1 MaxPab mouse polyclonal antibody (B01) ([H00009653-B01](#)).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human HS2ST1 protein.
<b>Immunogen</b>	HS2ST1 (AAH25990.1, 1 a.a. ~ 229 a.a) full-length human protein.
<b>Sequence</b>	MGLLRIMMPKQLQLLAVVAFVAMLFLENQIQKLEESRSKLERAIARHEVREIEQRHTMDGPRQDA TLDEEEDMVIYNRPKTASTSFTNIAYDLCAKNKYHVLHINTTKNNPVMSLQDQVRFVKNITSWKE MKPGFYHGHVSYLDFAKFGVKKKPIYNVIRDPIERLVSYYYFLRFGDDYRPGLRRRKQGDKKTFDE CVAEGGSDDCAPEKLWLQIPFFCGHSSECW
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (97)
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	No additive
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — HS2ST1

Entrez GeneID [9653](#)

GeneBank Accession# [BC025990.1](#)

Protein Accession# [AAH25990.1](#)

Gene Name HS2ST1

Gene Alias FLJ11317, KIAA0448, MGC131986, dJ604K5.2

Gene Description heparan sulfate 2-O-sulfotransferase 1

Omim ID [604844](#)

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. This gene encodes a member of the heparan sulfate biosynthetic enzyme family that transfers sulfate to the 2 position of the iduronic acid residue of heparan sulfate. The disruption of this gene resulted in no kidney formation in knockout embryonic mice, indicating that the absence of this enzyme may interfere with the signaling required for kidney formation. Two alternatively spliced transcript variants that encode different proteins have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000011908

## Pathway

- [Heparan sulfate biosynthesis](#)

## Disease

- [Tobacco Use Disorder](#)