DNAxPAb | Hard-to-Find Antibody

HS2ST1 DNAxPab

Catalog # H00009653-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HS2ST1 DNA using DNAx™ Immune t echnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGLLRIMMPPKLQLLAVVAFAVAMLFLENQIQKLEESRSKLERAIARHEVREIEQRHTMDGPRQDA TLDEEEDMVIIYNRVPKTASTSFTNIAYDLCAKNKYHVLHINTTKNNPVMSLQDQVRFVKNITSWKE MKPGFYHGHVSYLDFAKFGVKKKPIYINVIRDPIERLVSYYYFLRFGDDYRPGLRRRKQGDKKTFDE CVAEGGSDCAPEKLWLQIPFFCGHSSECW
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 — 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 hep aran 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 idur onic 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 signali ng 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