



Anti-HS2ST1 (aa 6-148) polyclonal antibody (CABT-BL1851)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant fragment, corresponding to amino acids 6-148 of Human HS2ST1 (BC025384).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Chinese Hamster
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Cellular Localization	Golgi apparatus membrane.
Format	Liquid
Buffer	PBS, pH 7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	9653
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Protein Refseq	NP_001127964
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UniProt ID	Q7LGA3
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