



Anti-HS3ST3B1 (aa 38-87) polyclonal antibody (CABT-BL1853)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide: AMLCVWLYMF LYSCAGSCAA APGLLLLGSG SRAAHDPPAL ATAPDGTPPR, corresponding to a region within internal sequence amino acids 38-87 of HS3ST3B1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC, WB
Cellular Localization	Golgi apparatus membrane.
Format	Liquid
Buffer	2% Sucrose, PBS
Preservative	None
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. The enzyme encoded
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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.

GENE INFORMATION

Entrez Gene ID	9953
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Protein Refseq	NP_006032
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UniProt ID	Q9Y662
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