



Mouse anti-Human HS3ST2 monoclonal antibody, clone 6E6 (CABT-B10429)

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

PRODUCT INFORMATION

Immunogen	HS3ST2 (NP_006034, 268 a.a. ~ 368 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	6E6
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	QIHFVSGERLITDPAGEMGRVQDFLGIKRFITDKHFYFNKTGFPCLKTESSLPRCLG KSKGRTHVQIDPEVIDQLREFYRPYNIKFYETVGQDFRWE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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. This gene is expressed predominantly in brain and may play a role in the nervous system. [provided by RefSeq, Jul 2008]

Keywords	HS3ST2; heparan sulfate (glucosamine) 3-O-sulfotransferase 2; 3OST2; 3OST2; heparan sulfate glucosamine 3-O-sulfotransferase 2; 3-OST-2; h3-OST-2; heparan sulfate 3-O-sulfotransferase 2; heparin-glucosamine 3-O-sulfotransferase; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 2;
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GENE INFORMATION

Entrez Gene ID	9956
UniProt ID	Q9Y278
Pathway	Glycosaminoglycan biosynthesis - heparan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - heparan sulfate, conserved biosystem
Function	[heparan sulfate]-glucosamine 3-sulfotransferase 2 activity; sulfotransferase activity; transferase activity
