antibodies .- online.com







anti-HS3ST2 antibody (C-Term)



Images



()	1 /	\sim	rv	11/	11	Α
	1//	⊢	I \/	16	٦,	/\

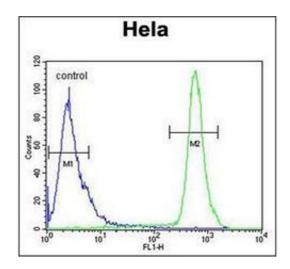
Overview	
Quantity:	0.4 mL
Target:	HS3ST2
Binding Specificity:	AA 324-354, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS3ST2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 324~354 amino acids from the C-terminal region of
	Human HS3ST2 Genename: HS3ST2
Isotype:	Ig Fraction
Specificity:	Recognizes HS3ST2 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A

Target Details

Target: HS3ST2

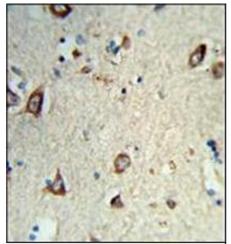
Target Details			
Alternative Name:	HS3ST2 / 30ST2 (HS3ST2 Products)		
Background:	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct		
	heparan sulfate fine structures that carry out multiple biologic activities. The enzyme is a		
	member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane		
	protein and possesses heparan sulfate glucosaminyl 3-0-sulfotransferase activity. Synonyms:		
	3-OST-2, Heparan sulfate 3-O-sulfotransferase 2, Heparan sulfate D-glucosaminyl 3-O-		
	sulfotransferase 2, Heparan sulfate glucosamine 3-0-sulfotransferase 2, h3-0ST-2		
Molecular Weight:	41501 Da		
Gene ID:	9956		
NCBI Accession:	NP_006034		
Pathways:	Glycosaminoglycan Metabolic Process		
Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.25 mg/mL		

Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS, 0.09 % (W/V) Sodium Azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	



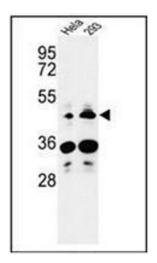
Flow Cytometry

Image 1. Flow Cytometric analysis of Hela cells using HS3ST2 Antibody (C-term) *Cat.-No* (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with HS3ST2 Antibody (C-term) *Cat.-No*, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 3. Western blot analysis of HS3ST2 Antibody (Cterm) *Cat.-No* in Hela, 293 cell line lysates (35ug/lane). HS3ST2 (arrow) was detected using the purified Pab.