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anti-HS6ST1 antibody (AA 311-411) (AbBy Fluor® 594)



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Quantity:	100 μL
Target:	HS6ST1
Binding Specificity:	AA 311-411
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HS6ST1 antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HS6ST1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HS6ST1
Alternative Name:	HS6ST1 (HS6ST1 Products)

Target Details

Background:	Synonyms: 60ST 1, 60ST1, DKFZp547H098, FLJ25392, H6 ST1, H6ST 1, H6ST1_HUMAN,	
	Heparan sulfate 6 O sulfotransferase 1, Heparan sulfate 6 sulfotransferase, Heparan sulphate 6	
	O sulphotransferase 1, Heparan-sulfate 6-O-sulfotransferase 1, HS6 ST1, HS6ST 1, HS6ST ,	
	HS6ST-1, HS6ST1, MGC116899, MGC116901.	
	Background: Heparan sulfate structures, which are responsible for executing multiple biologic	
	activities, are generated and regulated by heparan sulfate (HS) biosynthetic enzymes. HS6ST1	
	(heparan sulfate 6-0-sulfotransferase 1), also known as HS6ST, is a 411 amino acid single-pass	
	type II membrane protein that exists as multiple alternatively spliced isoforms and belongs to	
	the sulfotransferase 6 family. Expressed in fetal brain, HS6ST1 functions as a 6-O-sulfation	
	enzyme that specifically catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-	
	phosphosulfate (PAPS) to the N-sulfoglucosamine residue (GlcNS) HS. HS6ST1 is subject to	
	post-translational N-glycosylation and is encoded by a functional gene on human chromosome	
	2 and a pseudogene on human chromosome 1 (known as LOC728969).	
Gene ID:	9394	
UniProt:	060243	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months