Anti-CHST6 antibody

Description	Rabbit polyclonal to CHST6.

Model	STJ92286
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF
Immunogen	Synthesized peptide derived from human CHST6
Immunogen Region	300-380 aa, C-terminal
Gene ID	4166
Gene Symbol	CHST6
Dilution range	IF 1:200-1:1000ELISA 1:20000
Specificity	CHST6 Polyclonal Antibody detects endogenous levels of CHST6 protein.
Tissue Specificity	Expressed in cornea. Mainly expressed in brain. Also expressed in spinal cord and trachea.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Carbohydrate sulfotransferase 6 Corneal N-acetylglucosamine-6-O-sulfotransferase C-GlcNAc6ST hCGn6ST Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-beta GST4-beta N-acetylglucosamine 6-O-sulfot

Molecular Weight	44.099 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6938OMIM:217800
Alternative Names	Carbohydrate sulfotransferase 6 Corneal N-acetylglucosamine-6-O-sulfotransferase C-GlcNAc6ST hCGn6ST Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-beta GST4-beta N-acetylglucosamine 6-O-sulfot
Function	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the transfer of sulfate to position 6 of non-reducing N-acetylglucosamine (GlcNAc) residues of keratan. Mediates sulfation of keratan in cornea. Keratan sulfate plays a central role in maintaining corneal transparency. Acts on the non-reducing terminal GlcNAc of short and long carbohydrate substrates that have poly-N-acetyllactosamine structures.
Cellular Localization	Golgi apparatus membrane