

CHST6 Antibody

Catalog No: #34535

Package Size: #34535-1 50ul #34535-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

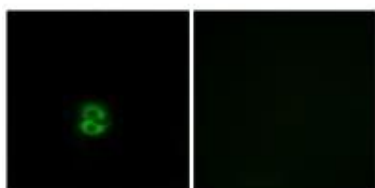
Description

Product Name	CHST6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHST6 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CHST6.
Target Name	CHST6
Other Names	Carbohydrate sulfotransferase 6; EC 2.8.2.-; N-acetylglucosamine 6-O-sulfotransferase 5; GlcNAc6ST-5; Corneal N-acetylglucosamine-6-O-sulfotransferase
Accession No.	Swiss-Prot: Q9GZX3NCBI Gene ID: 4166
Uniprot	Q9GZX3
GeneID	4166;
SDS-PAGE MW	44kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunofluorescence: 1:100~1:500

Images



Immunofluorescence analysis of A549 cells, using CHST6 antibody #34535.

Background

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.

Akama T.O., Nat. Genet. 26:237-241(2000).

Hemmerich S., Glycobiology 11:75-87(2001).

Bartes A., Biochem. Biophys. Res. Commun. 282:928-933(2001).

Note: This product is for in vitro research use only