

CHST10 Antibody

Catalog No: #34532

Package Size: #34532-1 50ul #34532-2 100ul

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

Description

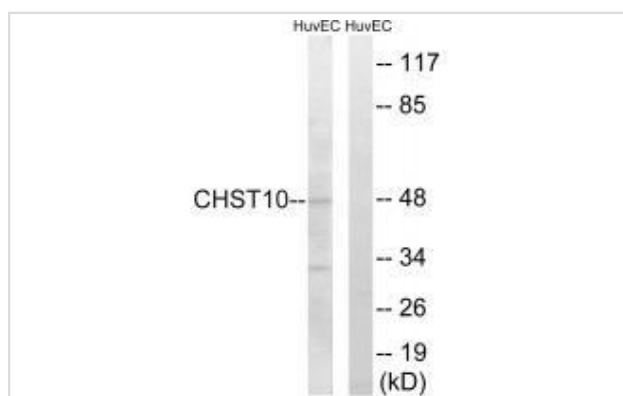
Product Name	CHST10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHST10 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CHST10.
Target Name	CHST10
Other Names	Carbohydrate sulfotransferase 10; EC 2.8.2.-; HNK-1 sulfotransferase; HNK1ST; HNK-1ST
Accession No.	Swiss-Prot: O43529NCBI Gene ID: 9486
Uniprot	O43529
GeneID	9486;
SDS-PAGE MW	48kd
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

Western blotting: 1:500~1:3000

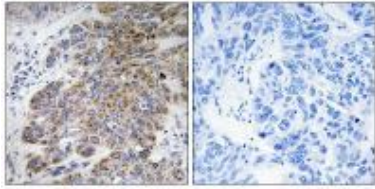
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HuvEc cells, using CHST10 antibody #34532.

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CHST10 antibody #34532.



Background

Catalyzes the transfer of sulfate to position 3 of terminal glucuronic acid of both protein- and lipid-linked oligosaccharides. Participates in biosynthesis of HNK-1 carbohydrate structure, a sulfated glucuronyl-lactosaminy residue carried by many neural recognition molecules, which is involved in cell interactions during ontogenetic development and in synaptic plasticity in the adult. May be indirectly involved in synapse plasticity of the hippocampus, via its role in HNK-1 biosynthesis.

Ong E., J. Biol. Chem. 273:5190-5195(1998).

Yu W., Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.

Ong E., J. Biol. Chem. 274:25608-25612(1999).

Note: This product is for in vitro research use only