

CHST8 Antibody

Catalog No: #34536



Package Size: #34536-1 50ul #34536-2 100ul

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

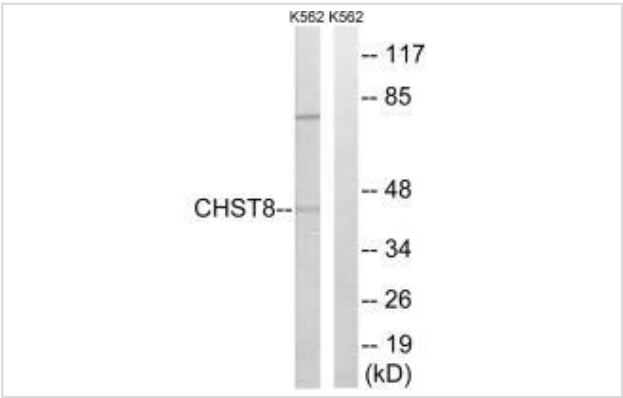
Description

Product Name	CHST8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHST8 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CHST8.
Target Name	CHST8
Other Names	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8; carbohydrate sulfotransferase 8; EC 2.8.2.-; GalNAc-4-O-sulfotransferase 1; GalNAc-4-ST1
Accession No.	Swiss-Prot: Q9H2A9NCBI Gene ID: 64377
Uniprot	Q9H2A9
GeneID	64377;
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), 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

Images



Western blot analysis of extracts from K562 cells, using CHST8 antibody #34536.

Background

Catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Required for biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures. Only active against terminal GalNAc β 1, GalNAc β . Not active toward chondroitin.

Okuda T., J. Biol. Chem. 275:40605-40613(2000).

Hiraoka N., Glycobiology 11:495-504(2001).

Barret A., J. Biol. Chem. 280:10516-10523(2005).

Note: This product is for in vitro research use only