

CHST9 rabbit pAb**Cat#: orb770570 (Manual)**

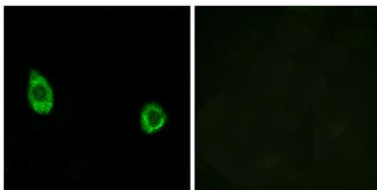
For research use only. Not intended for diagnostic use.

Product Name	CHST9 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CHST9. AA range:361-410
Specificity	CHST9 Polyclonal Antibody detects endogenous levels of CHST9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Carbohydrate sulfotransferase 9
Gene Name	CHST9
Cellular localization	[Isoform 1]: Golgi apparatus membrane ; Single-pass type II membrane protein .; [Isoform 2]: Secreted .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

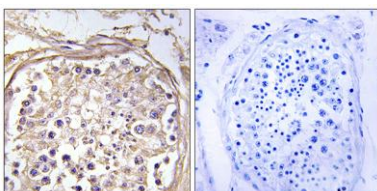
Concentration	1 mg/ml
Observed band	
Human Gene ID	83539
Human Swiss-Prot Number	Q7L1S5
Alternative Names	CHST9; Carbohydrate sulfotransferase 9; GalNAc-4-O-sulfotransferase 2; GalNAc-4-ST2; GalNAc4ST-2; N-acetylgalactosamine-4-O-sulfotransferase 2

Background

The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Sulfate groups on carbohydrates confer highly specific functions to glycoproteins, glycolipids, and proteoglycans, and are critical for cell-cell interaction, signal transduction, and embryonic development. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Aug 2011],



Immunofluorescence analysis of HUVEC cells, using CHST9 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using CHST9 Antibody. The picture on the right is blocked with the synthesized peptide.



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