

产品名称: CHST9 Rabbit Polyclonal Antibody
产品货号: APRab08792



产品概述 (Summary)

产品名称 (Production Name)	CHST9 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CHST9
别名 (Alternative Names)	CHST9; Carbohydrate sulfotransferase 9; GalNAc-4-O-sulfotransferase 2; GalNAc-4-ST2; GalNAc4ST-2; N-acetylgalactosamine-4-O-sulfotransferase 2
基因 ID (Gene ID)	83539.0
蛋白 ID (SwissProt ID)	Q7L1S5. The antiserum was produced against synthesized peptide derived from human CHST9. AA range: 361-410

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

产品名称: CHST9 Rabbit Polyclonal Antibody
产品货号: APRab08792

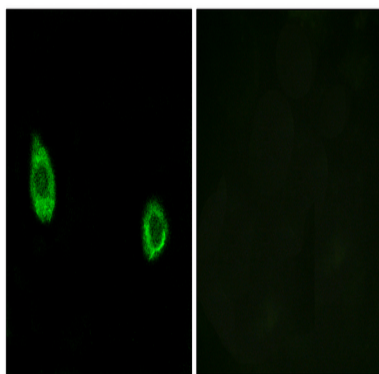


研究背景 (Background)

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], caution: It is uncertain whether Met-1 or Met-8 is the initiator., function: Catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. Participates in biosynthesis of glycoprotein hormones lutropin and thyrotropin, by mediating sulfation of their carbohydrate structures. Has a higher activity toward carbonic anhydrase VI than toward lutropin. Only active against terminal GalNAc β 1, GalNAc β . Isoform 2, but not isoform 1, is active toward chondroitin., similarity: Belongs to the sulfotransferase 2 family., tissue specificity: Highly expressed in trachea. Also expressed in fetal lung, adult pancreas, testis and salivary gland. Expressed at low level in pituitary gland, apex of the heart, adult lung, prostate and mammary gland. Weakly or not expressed in heart, liver and spinal cord.,

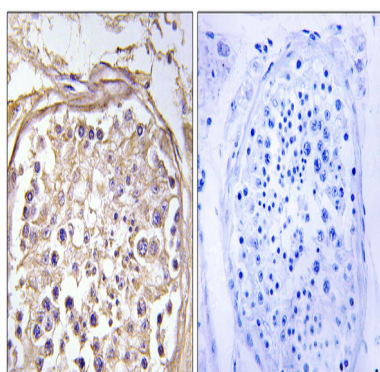
研究领域 (Research Area)

图片 (Image Data)



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

产品名称: CHST9 Rabbit Polyclonal Antibody
产品货号: APRab08792



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

注意事项 (Note)

For research use only .