

产品名称: CHST2 Rabbit Polyclonal Antibody
产品货号: APRab08787



产品概述 (Summary)

产品名称 (Production Name)	CHST2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,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)	CHST2
别名 (Alternative Names)	CHST2; GN6ST; Carbohydrate sulfotransferase 2; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 2; GST-2; N-acetylglucosamine 6-O-sulfotransferase 1; GlcNAc6ST-1; Gn6ST-1
基因 ID (Gene ID)	9435.0
蛋白 ID (SwissProt ID)	Q9Y4C5.The antiserum was produced against synthesized peptide derived from human CHST2. AA range:1-50

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	58kDa

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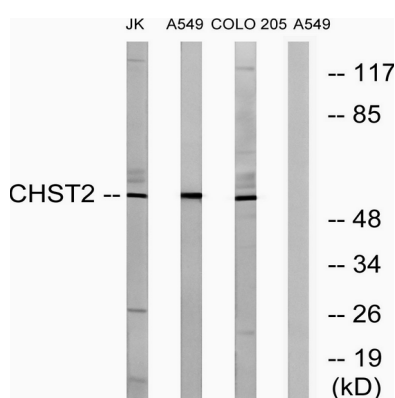
研究背景 (Background)

This locus encodes a sulfotransferase protein. The encoded enzyme catalyzes the sulfation of a nonreducing N-acetylglucosamine residue, and may play a role in biosynthesis of 6-sulfosialyl Lewis X antigen. [provided by RefSeq, Aug 2011],caution:It is uncertain whether Met-1 or Met-48 is the initiator.,function:Catalyzes the transfer of sulfate to position 6 of non-reducing N-acetylglucosamine (GlcNAc) residues within keratan-like structures on N-linked glycans and within mucin-associated glycans that can ultimately serve as L-selectin ligands. L-selectin ligands are present in high endothelial cells (HEVs) and play a central role in lymphocyte homing at sites of inflammation. Participates in biosynthesis of L-selectin ligand sialyl 6-sulfo Lewis X and in lymphocyte homing to Peyer patches. Has no activity toward O-linked sugars. Its substrate specificity may be influenced by its subcellular location. Sulfates GlcNAc residues at terminal, non-reducing ends of oligosaccharide chains.,induction:Up-regulated upon cytokine activation.,online information:GlycoGene database,similarity:Belongs to the sulfotransferase 1 family. Gal/GlcNAc/GalNAc subfamily.,subunit:Homodimer; disulfide-linked. Homodimerization is not essential for enzyme activity.,tissue specificity:Widely expressed. Highly expressed in bone marrow, peripheral blood leukocytes, spleen, brain, spinal cord, ovary and placenta. Expressed by high endothelial cells (HEVs) and leukocytes.,

研究领域 (Research Area)

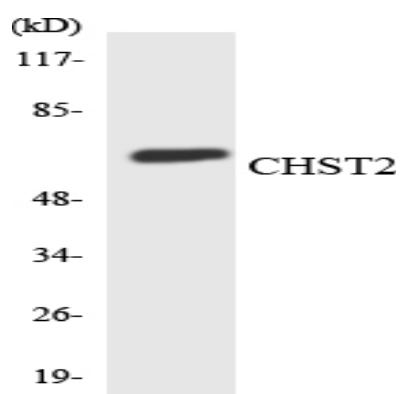
Keratan sulfate biosynthesis;

图片 (Image Data)

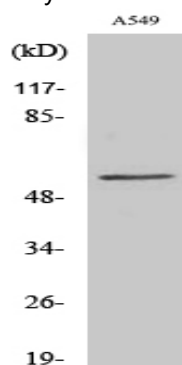


Western blot analysis of lysates from A549, COLO, and Jurkat cells, using CHST2 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from K562 cells using CHST2 antibody.



Western Blot analysis of various cells using CHST2 Polyclonal Antibody

注意事项 (Note)

For research use only .