

产品名称: CD75 Rabbit Polyclonal Antibody
产品货号: APRab08452



产品概述 (Summary)

产品名称 (Production Name)	CD75 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	ST6GAL1
别名 (Alternative Names)	ST6GAL1; SIAT1; Beta-galactoside alpha-2; 6-sialyltransferase 1; Alpha 2,6-ST 1; B-cell antigen CD75; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1; ST6Gal I; ST6Gall; Sialyltransferase 1
基因 ID (Gene ID)	6480.0
蛋白 ID (SwissProt ID)	P15907.The antiserum was produced against synthesized peptide derived from human ST6GAL1. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	42kDa

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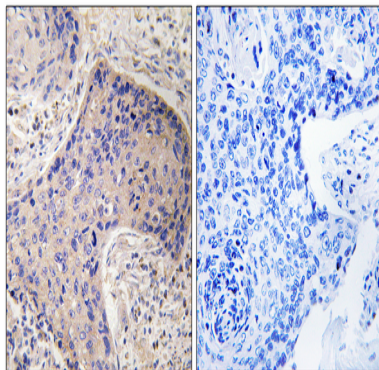
研究背景 (Background)

This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described. [provided by RefSeq, Aug 2009], catalytic activity: CMP-N-acetylneuraminate + beta-D-galactosyl-1,4-N-acetyl-beta-D-glucosamine = CMP + alpha-N-acetylneuraminy-2,6-beta-D-galactosyl-1,4-N-acetyl-beta-D-glucosamine, function: Transfers sialic acid from the donor of substrate CMP-sialic acid to galactose containing acceptor substrates, online information: GlycoGene database, online information: ST6Gal I, pathway: Protein modification; protein glycosylation, PTM: The HB-6, CDW75, and CD76 differentiation antigens are cell-surface carbohydrate determinants generated by this enzyme, PTM: The soluble form derives from the membrane form by proteolytic processing, similarity: Belongs to the glycosyltransferase 29 family, subcellular location: Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid,.

研究领域 (Research Area)

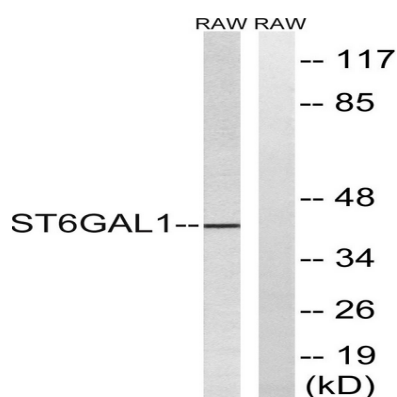
N-Glycan biosynthesis;

图片 (Image Data)

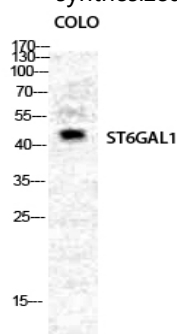


Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using ST6GAL1 Antibody. The picture on the right is blocked with the synthesized peptide.

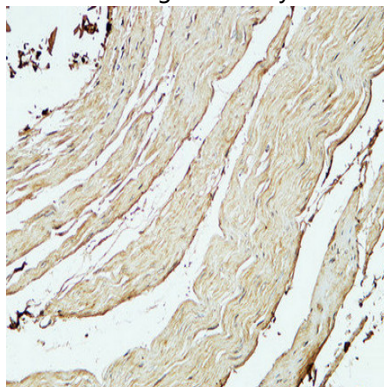
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Western blot analysis of lysates from RAW264.7 cells, using ST6GAL1 Antibody. The lane on the right is blocked with the synthesized peptide.

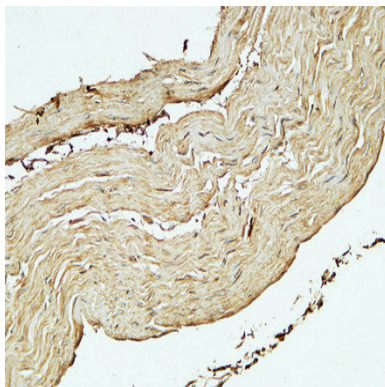


Western Blot analysis of COLO cells using CD75 Polyclonal Antibody diluted at 1: 2000

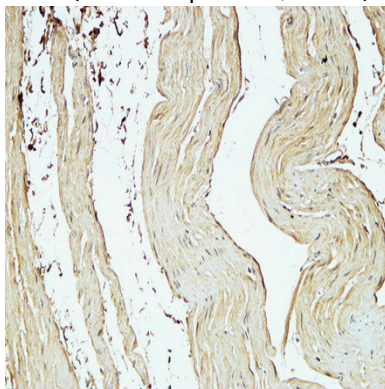


Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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注意事项 (Note)

For research use only .