

产品名称: ST6GAL1 Rabbit Polyclonal Antibody
产品货号: APRab18325



产品概述 (Summary)

产品名称 (Production Name)	ST6GAL1 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,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)	ST6GAL1 SIAT1 Beta-galactoside alpha-2,6-sialyltransferase 1 (Alpha 2,6-ST 1;EC 2.4.99.1;B-
别名 (Alternative Names)	cell antigen CD75;CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1;ST6Gal I;ST6GalI;Sialyltransferase 1)
基因 ID (Gene ID)	6480.0
蛋白 ID (SwissProt ID)	P15907.Synthetic peptide from human protein at AA range: 63-135

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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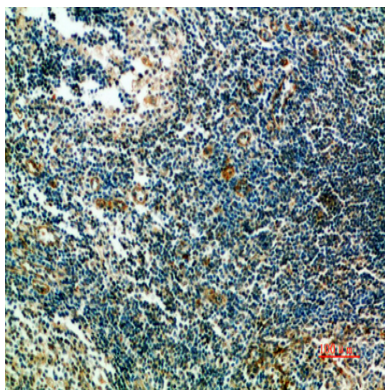
研究背景 (Background)

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-acetylneuraminyl-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)



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:200

注意事项 (Note)

For research use only .