

唾液酸转移酶 4A 抗体

产品货号： mlR17483

英文名称： SIAT4A

中文名称： 唾液酸转移酶 4A 抗体

别名： 3-GalNAc-alpha-2; 3-sialyltransferase 1; 3-sialyltransferase; 3-ST 1; Alpha 2; Alpha 2,3 ST; Beta galactoside alpha 2,3 sialyltransferase; Beta-galactoside alpha-2; beta-galactoside alpha-2,3-sialyltransferase 1; CMP N acetylneuraminate beta galactosamide alpha 2,3 sialyltransferase; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; DKFZp666E036; DKFZp779K2051; FLJ36548; Gal beta 1,3 GalNAc alpha 2,3 sialyltransferase; Gal NAc6S; Gal-beta-1; Gal-NAc6S; MGC9183; OTTHUMP00000226912; OTTHUMP00000226913; SIA4A_HUMAN; Sialyltransferase 4A; SIAT4-A; SIAT4A; SIATFL; ST3Gal I; ST3GAL1; ST3GalA; ST3GalA.1; ST3GalII; ST3GalIA; ST3O.

研究领域： 细胞生物 免疫学 神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 39kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human SIAT4A:151-250/340

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [provided by RefSeq, Jul 2008]

Function:

It may be responsible for the synthesis of the sequence NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- found on sugar chains O-linked to Thr or Ser and also as a terminal sequence on certain gangliosides. SIAT4A and SIAT4B sialylate the same acceptor substrates but exhibit different Km values.

Subcellular Location:

Golgi apparatus > Golgi stack membrane. Secreted. Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.

Tissue Specificity:

Expressed in several tissues. Highest expression in lung, liver, skeletal muscle, kidney, pancreas, spleen and placenta.

Post-translational modifications:

The soluble form derives from the membrane form by proteolytic processing.

Similarity:

Belongs to the glycosyltransferase 29 family.

SWISS:

Q11201

Gene ID:

6482

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.