



SIA7D rabbit pAb

Catalog No	BYab-09064
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	ST6GALNAC4 SIAT3C SIAT7D
Protein Name	SIA7D
Immunogen	Synthesized peptide derived from human SIA7D AA range: 194-244
Specificity	This antibody detects endogenous levels of SIA7D at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitous.
Function	catalytic activity: CMP-N-acetylneuraminate + N-acetyl-alpha-neuraminy-(2->3)-beta-D-galactosyl-(1->3)-N-acetyl-D-galactosaminyl-R = CMP + N-acetyl-alpha-neuraminy-(2->3)-beta-D-galactosyl-(1->3)-(N-acetyl-alpha-neuraminy-(2->6))-N-acetyl-D-galactosaminyl-R.,function:Involved in the biosynthesis of ganglioside GD1A from GM1B. Transfers CMP-NeuAc with an alpha-2,6-linkage to GalNAc residue on NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc of glycoproteins and glycolipids. Prefers glycoproteins to glycolipids.,online information:GlycoGene database,online information:ST6GalNAc IV,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 29 family.,tissue specificity:Ubiquitous.,

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Background

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 prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

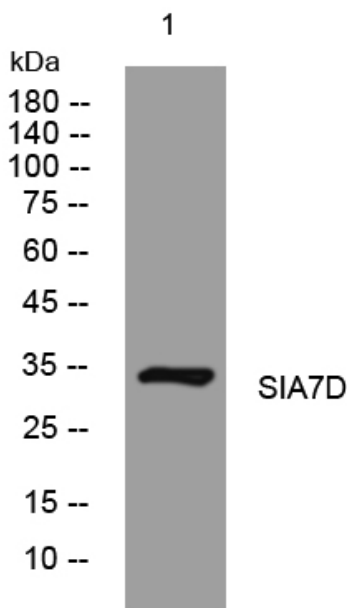
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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