

SIA7B Rabbit Polyclonal Antibody

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Catalog # AP93484

Product Information

Application	WB
Primary Accession	Q9UJ37
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	41939

Additional Information

Gene ID	10610
Other Names	Alpha-N-acetylgalactosaminide alpha-2, 6-sialyltransferase 2, 2.4.3.3, GalNAc alpha-2, 6-sialyltransferase II, ST6GalNAc II, ST6GalNAcII, STHM, Sialyltransferase 7B, SIAT7-B, ST6GALNAC2, SIAT7B, SIATL1, STHM
Dilution	WB~~1:1000
Storage Conditions	-20°C

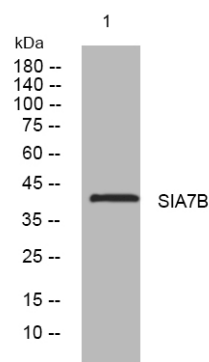
Protein Information

Name	ST6GALNAC2
Synonyms	SIAT7B, SIATL1, STHM
Function	Catalyzes the transfer of N-acetylneuraminy groups onto glycan chains in glycoproteins (PubMed: 10742600 , PubMed: 29251719). Conjugates sialic acid with an alpha-2-6 linkage to N- acetylgalactosamine (GalNAc) glycan chains linked to serine or threonine in glycoproteins. Sialylates alphaGalNAc- and Galbeta1->3GalNAc-O-Ser/Thr epitopes also known as Tn and T antigens.
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein
Tissue Location	Expressed in skeletal muscle, heart, kidney, placenta, lung and leukocytes.

Background

ST6GALNAC2 belongs to a family of sialyltransferases that add sialic acids to the nonreducing ends of glycoconjugates. At the cell surface, these modifications have roles in cell-cell and cell-substrate interactions, bacterial adhesion, and protein targeting (Samyn-Petit et al., 2000 [PubMed 10742600]).[supplied by OMIM,

Images



Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4°over night

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.