



SIA8B Polyclonal Antibody

Catalog No	YP-Ab-07764
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ST8SIA2 SIAT8B STX
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SIA8B Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIA8B;ST8SIA2 SIAT8B STX;Alpha-2,8-sialyltransferase 8B (EC 2.4.99.-) (Sialyltransferase 8B) (SIAT8-B) (Sialyltransferase X) (STX) (Sialyltransferase St8Sia II) (ST8Siall)
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Highly expressed in fetal brain, kidney and heart and to a much lesser extent in adult heart and thymus.
Function	function:May transfer sialic acid through alpha-2,8-linkages to the alpha-2,3-linked and alpha-2,6-linked sialic acid of N-linked oligosaccharides of glycoproteins and may be involved in PSA (polysialic acid) expression.,online information:GlycoGene database,online information:ST8Sia II,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 29 family.,tissue specificity:Highly expressed in fetal brain, kidney and heart and to a much lesser extent in adult heart and thymus.,



Background

The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29. [provided by RefSeq, Jul 2008],

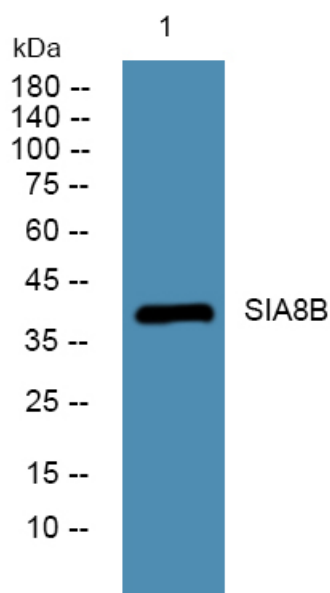
matters needing attention

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



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night