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anti-ST6GALNAC4 antibody





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0.0		
Quantity:	100 μL	
Target:	ST6GALNAC4	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ST6GALNAC4 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
lmmunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ST6GALNAC4.	
Purification:	Antibody is purified by peptide affinity chromatography method.	
Target Details		
Target:	ST6GALNAC4	
Alternative Name:	ST6GALNAC4 (ST6GALNAC4 Products)	
Background:	ST6GALNAC4 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. ST6GALNAC4 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. ST6GALNAC4 is normally found in the Golgi	

apparatus but can be proteolytically processed to a soluble form. It is a member of glycosyltransferase family 29. 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.

Molecular Weight:	34 kDa
Gene ID:	27090
NCBI Accession:	NP_778204
UniProt:	Q9H4F1

Application Details

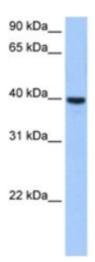
Application Notes:	ST6GALNAC4 antibody can be used for detection of ST6GALNAC4 by ELISA at 1:312500.
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ST6GALNAC4 antibody can be used for detection of ST6GALNAC4 by western blot at $0.5\,\mu$ g/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format:	Lyophilized	
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.	
Concentration:	1 mg/mL	
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.	
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.	
Storage:	4 °C/-20 °C	
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store	
	ST6GALNAC4 antibody at -20 °C.	



Western Blotting

Image 1.