

SIA7D rabbit pAb

Catalog_no :	AN4224
Applications :	WB
Reactivity :	Human, Mouse
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	ST6GALNAC4 SIAT3C SIAT7D
Protein_name :	SIA7D
Humangene_id :	27090
Humanswissprot_no :	Q9H4F1
Mousegene_id :	20448
Mouseswissprot_no :	Q9R2B6
Immunogen :	Synthesized peptide derived from human SIA7D
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 :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
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],
