

Rabbit anti-Human, Mouse SIA4A Polyclonal Antibody | anti-SIA4A antibody

SIA4A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319844	Rabbit	Human, Mouse	Immunohistochemistry, ELISA, Western Blot

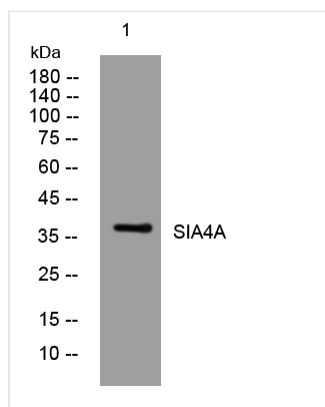
PRODUCT SYNONYMS

SIA4A; Polyclonal Antibody; SIA4A Antibody; anti-SIA4A antibody

PRODUCT SPECIFICATIONS

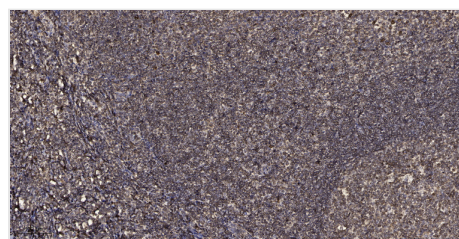
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SIA4A at Human/Mouse
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SIA4A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human SIA4A AA range: 189-239
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SIA4A antibody	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 is normally found in the Golgi but can be proteolytically processed to a soluble form. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-SIA4A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506951
NCBI GeneID	6482
NCBI Accession #	NP_003024
NCBI GenBank Nucleotide #	NM_003033
UniProt Accession #	Q11201; O60677; Q9UN51
Molecular Weight	39,075 Da
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1
NCBI Official Synonym Full Names	ST3 beta-galactoside alpha-2,3-sialyltransferase 1
NCBI Official Symbol	ST3GAL1
NCBI Official Synonym Symbols	ST3O; SIAT4A; SIATFL; ST3GalA; ST3GallA; Gal-NAc6S; ST3GalA.1; ST3GallA,1
NCBI Protein Information	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1; Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase; SIAT4-A; ST3Gall; alpha 2,3-ST 1; beta-galactoside alpha-2,3-sialyltransferase 1; sialyltransferase 4A (beta-galactosidase alpha-2,3
UniProt Protein Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 1
UniProt Gene Name	ST3GAL1
UniProt Synonym Gene Names	SIAT4; SIAT4A; Alpha 2,3-ST 1; Beta-galactoside alpha-2,3-sialyltransferase 1; ST3Gall; SIAT4-A
UniProt Entry Name	SIA4A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sia4a-antibody-immunohistochemistry-western-blot-elisa/319844>