

Rabbit anti-Human ST8SIA6 Polyclonal Antibody | anti-ST8SIA6 antibody

ST8SIA6 Antibody (Center)

CATALOG # AAA286261	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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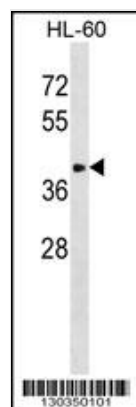
PRODUCT SYNONYMS

ST8SIA6; Polyclonal Antibody; ST8SIA6 Antibody (Center); SIAT8F; anti-ST8SIA6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ST8SIA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-167 amino acids from the Central region of human ST8SIA6.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	398
Applicable Applications for anti-ST8SIA6 antibody	ELISA, WB (Western Blot)
Antigen Region	138-167
Cellular Location	Golgi apparatus membrane; Single-pass type II membrane protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

ST8SIA6 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ST8SIA6 antibody detected the ST8SIA6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ST8SIA6 antibody	Sialic acid is a key determinate of oligosaccharide structures involved in cell-cell communication, cell-substrate interaction, adhesion, and protein targeting. ST8SIA6 belongs to a family of sialyltransferases (EC 2.4.99.8) that synthesize sialylglycoconjugates (Takashima et al., 2002 [PubMed 11980897]).
Product Categories/Family for anti-ST8SIA6 antibody	Signal Transduction
References	Yang, J.J., et al. JAMA 301(4):393-403(2009) Avril, T., et al. J. Leukoc. Biol. 80(4):787-796(2006) Harduin-Lepers, A., et al. Glycobiology 15(8):805-817(2005) Deloukas, P., et al. Nature 429(6990):375-381(2004) Takashima, S., et al. J. Biol. Chem. 277(27):24030-24038(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	54234057
NCBI GeneID	338596
NCBI Accession #	NP_001004470.1
NCBI GenBank Nucleotide #	NM_001004470.1
UniProt Accession #	P61647 ; Q5VZH4 ; B0YJ97 ; B9EH72
Molecular Weight	44836
NCBI Official Full Name	alpha-2,8-sialyltransferase 8F
NCBI Official Synonym Full Names	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6
NCBI Official Symbol	ST8SIA6
NCBI Official Synonym Symbols	SIA8F; SIAT8F; ST8SIA-VI
NCBI Protein Information	alpha-2,8-sialyltransferase 8F
UniProt Protein Name	Alpha-2,8-sialyltransferase 8F
UniProt Gene Name	ST8SIA6
UniProt Synonym Gene Names	SIAT8F; SIAT8-F; ST8SiaVI
UniProt Entry Name	SIA8F_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.