

Rabbit ST3gal6 Polyclonal Antibody | anti-ST3gal6 antibody

ST3gal6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301040	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

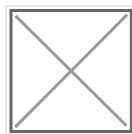
PRODUCT SYNONYMS

ST3gal6; Polyclonal Antibody; ST3gal6 Antibody; Alpha2; 3-sialyltransferase 6; ST3Gal VI; siat10; anti-ST3gal6 antibody

PRODUCT SPECIFICATIONS

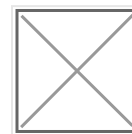
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	331
Applicable Applications for anti-ST3gal6 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human ST3gal6.
Target Name	ST3gal6
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of ST3gal6 in HeLa cells with ST3gal6 antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of ST3gal6 in HeLa cell lysate with ST3gal6 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ST3gal6 antibody

Sialyltransferases catalyze the transfer of sialic acid from cytidine 5-prime monophospho-N-acetylneuraminic acid (CMP-NeuAc) to terminal positions of glycoprotein and glycolipid carbohydrate groups. Terminal NeuAc residues are key determinants of carbohydrate structures, such as the sialyl-Lewis X determinants, and are widely distributed in many cell types. However, cancer cells often express more heavily sialylated glycans on their cell surface and this feature sometimes correlates with invasiveness. In contrast, expression of ST3gal6, a member of the sialyltransferase family that sialylates type II lactosamine structures on glycoproteins and glycolipids, was found to be significantly decreased by hypermethylation of the gene in gastrointestinal cancer. At least three isoforms of ST3gal6 are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174697
NCBI GeneID	10402
NCBI Accession #	NP_006091
NCBI GenBank Nucleotide #	NM_006100.3
Molecular Weight	24,782 Da
NCBI Official Full Name	type 2 lactosamine alpha-2,3-sialyltransferase isoform 1
NCBI Official Synonym Full Names	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
NCBI Official Symbol	ST3GAL6
NCBI Official Synonym Symbols	SIAT10; ST3GALVI
NCBI Protein Information	type 2 lactosamine alpha-2,3-sialyltransferase
UniProt Protein Name	Type 2 lactosamine alpha-2,3-sialyltransferase
UniProt Gene Name	ST3GAL6
UniProt Synonym Gene Names	SIAT10; ST3GalVI
UniProt Entry Name	SIA10_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://stage.aaabiotech.com/polyclonal/st3gal6-antibody-immunocytochemistry-western-blot-elisa/301040>