

Rabbit CD75 / ST6GAL1 Polyclonal Antibody | anti-CD75 antibody

Rabbit Polyclonal (IgG) to Human CD75 / ST6GAL1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51977	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

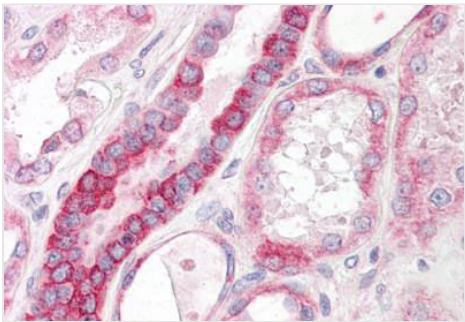
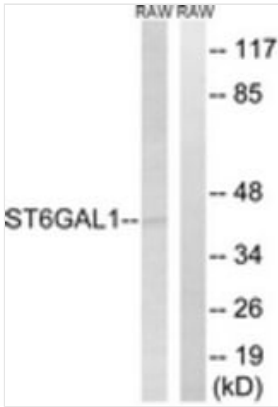
PRODUCT SYNONYMS

CD75 / ST6GAL1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human CD75 / ST6GAL1; Anti-CD75 / ST6GAL1 Antibody (aa171-220) IHC-plus; ST6GAL1; Alpha 2,6-ST 1; Sialyltransferase 1; SIAT1; ST6Gal I; ST6GalII; ST6N; B-cell antigen CD75; CD75; Human CD75; anti-CD75 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ST6GAL1 Antibody detects endogenous levels of total ST6GAL1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-CD75 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human ST6GAL1 (aa171-220).
Immunogen	CD75 / ST6GAL1 antibody was raised against synthetic peptide from human ST6GAL1 (aa171-220).
Antigen Modification	aa171-220
Preparation and Storage	Store at -20 degree C for up to one year.

IMAGES



IHC (Immunohistochemistry)
Anti-ST6GAL1 / CD75 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Western blot of extracts from RAW264.7 cells, using ST6GAL1 Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CD75 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, which is normally found in the Golgi but which can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CDw75, and CD76. This protein is a member of glycosyltransferase family 29.
Product Categories/Family for anti-CD75 antibody	Family: Glycosyltransferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	27765091
NCBI GeneID	6480
NCBI Accession #	NP_775323.1
NCBI GenBank Nucleotide #	NM_173216.2
UniProt Accession #	P15907 ; A8KA14 ; B2R513 ; D3DNV3
Molecular Weight	20,764 Da
NCBI Official Full Name	beta-galactoside alpha-2,6-sialyltransferase 1 isoform a
NCBI Official Synonym Full Names	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1
NCBI Official Symbol	ST6GAL1
NCBI Official Synonym Symbols	ST6N; SIAT1; ST6GalI
NCBI Protein Information	beta-galactoside alpha-2,6-sialyltransferase 1; ST6Gal I; alpha 2,6-ST 1; B-cell antigen CD75; sialyltransferase 1 (beta-galactoside alpha-2,6-sialyltransferase); CMP-N-acetylneuraminate beta-galactosamide alpha-2,6-sialyltransferase; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1
UniProt Protein Name	Beta-galactoside alpha-2,6-sialyltransferase 1
UniProt Gene Name	ST6GAL1
UniProt Synonym Gene Names	SIAT1; Alpha 2,6-ST 1; ST6GalI
UniProt Entry Name	SIAT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cd75-st6gal1-antibody-western-blot-immunohistochemistry-elisa/51977>