

ST6GAL2 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19472b**Specification**

ST6GAL2 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	O96JF0
Other Accession	NP_001135823.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60158
Antigen Region	483-509

ST6GAL2 Antibody(C-term) - Additional Information**Gene ID** 84620**Other Names**

Beta-galactoside alpha-2, 6-sialyltransferase 2, Alpha 2, 6-ST 2,
CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 6-sialyltransferase 2, ST6Gal II, ST6GalIII,
hST6Gal II, Sialyltransferase 2, ST6GAL2, KIAA1877, SIAT2

Target/Specificity

This ST6GAL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 483-509 amino acids from the C-terminal region of human ST6GAL2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ST6GAL2 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ST6GAL2 Antibody(C-term) - Protein Information**Name** ST6GAL2

Synonyms KIAA1877, SIAT2

Function Transfers sialic acid from the donor of substrate CMP-sialic acid to galactose containing acceptor substrates. Has alpha-2,6- sialyltransferase activity toward oligosaccharides that have the Gal- beta-1,4-GlcNAc sequence at the non-reducing end of their carbohydrate groups, but it has weak or no activities toward glycoproteins and glycolipids.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

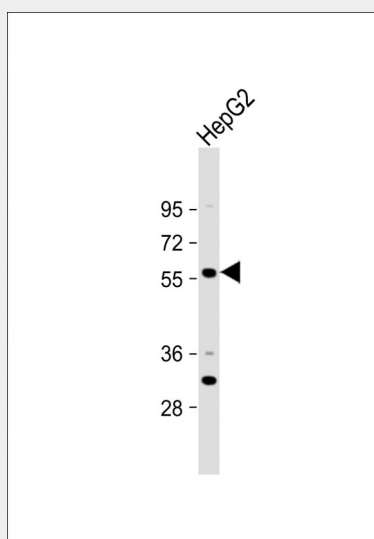
Tissue Location

Weakly expressed in some tissues, such as small intestine, colon and fetal brain.

ST6GAL2 Antibody(C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ST6GAL2 Antibody(C-term) - Images

Anti-ST6GAL2 Antibody (C-term) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 60 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ST6GAL2 Antibody(C-term) - Background

Sialyltransferases, such as ST6GAL2 (EC 2.4.99.1), are type II transmembrane proteins that catalyze the transfer of sialic acid from CMP-sialic acid to an acceptor carbohydrate, usually to

the terminal ends of carbohydrate chains.

ST6GAL2 Antibody(C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Ikeda, M., et al. Biol. Psychiatry 67(3):263-269(2010)
Lehoux, S., et al. Glycoconj. J. 27(1):99-114(2010)
Trynka, G., et al. Gut 58(8):1078-1083(2009)
Krzewinski-Recchi, M.A., et al. Eur. J. Biochem. 270(5):950-961(2003)