

ST8SIA6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16680C**Specification**

ST8SIA6 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P61647
Other Accession	NP_001004470.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44836
Antigen Region	138-167

ST8SIA6 Antibody (Center) - Additional Information**Gene ID** 338596**Other Names**

Alpha-2, 8-sialyltransferase 8F, 2499-, Sialyltransferase 8F, SIAT8-F, Sialyltransferase St8Sia VI, ST8SiaVI, ST8SIA6, SIAT8F

Target/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.

Dilution

WB~~1:1000

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

ST8SIA6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ST8SIA6 Antibody (Center) - Protein Information**Name** ST8SIA6 ([HGNC:23317](#))**Synonyms** SIAT8F

Function Alpha-2,8-sialyltransferase that prefers O-glycans to N- glycans or glycolipids as acceptor substrates. The minimal acceptor substrate is the NeuAc-alpha-2,3(6)-Gal sequence at the non-reducing end of their carbohydrate groups.

Cellular Location

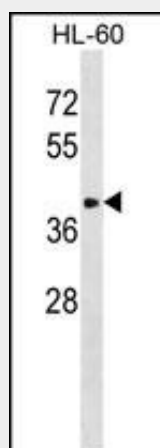
Golgi apparatus membrane; Single- pass type II membrane protein

ST8SIA6 Antibody (Center) - 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](#)

ST8SIA6 Antibody (Center) - Images



ST8SIA6 Antibody (Center) (Cat. #AP16680c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ST8SIA6 antibody detected the ST8SIA6 protein (arrow).

ST8SIA6 Antibody (Center) - Background

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]).

ST8SIA6 Antibody (Center) - 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)