

ST8SIA6 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16680c**Specification**

ST8SIA6 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P61647](#)

ST8SIA6 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 338596

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ST8SIA6 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ST8SIA6 Antibody (Center) Blocking Peptide - Images

ST8SIA6 Antibody (Center) Blocking Peptide - 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 synthesizes sialylglycoconjugates (Takashima et al., 2002 [PubMed11980897]).

ST8SIA6 Antibody (Center) Blocking Peptide - 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)