

**ST3GAL3 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9999b****Specification**

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**ST3GAL3 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O11203](#)**ST3GAL3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 6487**Other Names**

CMP-N-acetylneuraminate-beta-1, 4-galactoside alpha-2, 3-sialyltransferase, Beta-galactoside alpha-2, 3-sialyltransferase 3, Alpha 2, 3-ST 3, Gal beta-1, 3(4) GlcNAc alpha-2, 3 sialyltransferase, N-acetyllactosaminide alpha-2, 3-sialyltransferase, ST3Gal III, ST3GalIII, ST3N, Sialyltransferase 6, ST3GAL3, SIAT6

**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.

**ST3GAL3 Antibody (C-term) Blocking Peptide - Protein Information****Name** ST3GAL3**Synonyms** SIAT6**Function**

Catalyzes the formation of the NeuAc-alpha-2,3-Gal-beta-1,4- GlcNAc-, NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- and NeuAc-alpha-2,3-Gal- beta-1,3-GalNAc- sequences found in terminal carbohydrate groups of glycoproteins and glycolipids. The highest activity is toward Gal-beta- 1,3-GlcNAc and the lowest toward Gal-beta-1,3-GalNAc.

**Cellular Location**

Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein. Secreted. Note=Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid

**Tissue Location**

Highly expressed in adult skeletal muscle and in all fetal tissues examined and to a much lesser extent in placenta, lung and liver

### **ST3GAL3 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **ST3GAL3 Antibody (C-term) Blocking Peptide - Images**

### **ST3GAL3 Antibody (C-term) Blocking Peptide - Background**

ST3GAL3 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29.

### **ST3GAL3 Antibody (C-term) Blocking Peptide - References**

Carvalho, A.S., et al. Int. J. Biochem. Cell Biol. 42(1):80-89(2010) Grahn, A., et al. Glycoconj. J. 20 (7-8), 493-500 (2004) Taniguchi, A., et al. Biochim. Biophys. Acta 1626 (1-3), 92-96 (2003) Gretschel, S., et al. Oncology 65(2):139-145(2003)