

St6galnac1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12798**Specification**

St6galnac1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9QZ39
Other Accession	NM_011371 , NP_035501
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61kDa KDa

St6galnac1 antibody - C-terminal region - Additional Information**Gene ID** 20445**Alias Symbol** **Siat7a****Other Names**

Alpha-N-acetylgalactosaminide alpha-2, 6-sialyltransferase 1, 2.4.99.3, GalNAc alpha-2, 6-sialyltransferase I, ST6GalNAc I, ST6GalNAcI, Sialyltransferase 7A, SIAT7-A, St6galnac1, Siat7a

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-St6galnac1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

St6galnac1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

St6galnac1 antibody - C-terminal region - Protein Information**Name** St6galnac1 {ECO:0000312|MGI:MGI:1341826}**Synonyms** Siat7a**Function**

Protein sialyltransferase specifically expressed in goblet cells that plays a key role in intestinal host-commensal homeostasis (PubMed:35303419). Conjugates sialic acid with an alpha-2-6 linkage to N-acetylgalactosamine (GalNAc) glycan chains linked to serine or threonine in glycoproteins

(PubMed:10788794). Catalyzes the formation of the sialyl-Tn (S-Tn) antigen, an antigen found in intestinal goblet cells (PubMed:35303419, PubMed:16207894). Protein sialylation in goblet cells is essential for mucus integrity and is required to protect the intestinal mucus against excessive bacterial proteolytic degradation (PubMed:35303419).

Cellular Location

Golgi apparatus membrane {ECO:0000250|UniProtKB:Q9NSC7}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:Q9NSC7}

Tissue Location

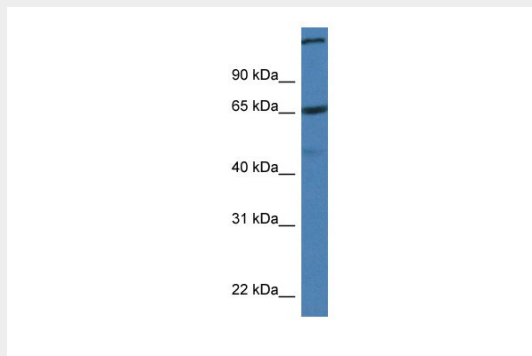
Submaxillary gland, mammary gland, spleen and colon.

St6galnac1 antibody - C-terminal region - 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](#)

St6galnac1 antibody - C-terminal region - Images



WB Suggested Anti-St6galnac1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Pancreas