

FUT10 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19483a**Specification**

FUT10 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [Q6P4F1](#)**FUT10 Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 84750**Other Names**

Alpha-(1, 3)-fucosyltransferase 10, 241-, Fucosyltransferase X, Fuc-TX, FucT-X, Galactoside 3-L-fucosyltransferase 10, Fucosyltransferase 10, FUT10

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.

FUT10 Antibody(N-term) Blocking peptide - Protein Information**Name** FUT10 {ECO:0000303|PubMed:19088067, ECO:0000312|HGNC:HGNC:19234}**Function**

Predominantly fucosylates the innermost N-acetyl glucosamine (GlcNAc) residue in biantennary N-glycan acceptors. Postulated to generate core alpha(1->3)-fucose epitope within the chitobiose unit of biantennary N-glycans, providing for a recognition signal to reorient aberrantly folded glycoproteins for degradation (PubMed:19088067). Involved in biosynthesis of Lewis X-carrying biantennary N-glycans that regulate neuron stem cell self-renewal during brain development (By similarity).

Cellular Location

[Isoform 1]: Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein [Isoform 5]: Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

Expressed in lung, digestive tract, gall bladder, placenta, kidney, uterus and brain. Not detected in spleen, heart, muscle, liver and pancreas.

FUT10 Antibody(N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FUT10 Antibody(N-term) Blocking peptide - Images**FUT10 Antibody(N-term) Blocking peptide - Background**

FUT10 is probable fucosyltransferase (By similarity).

FUT10 Antibody(N-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Mollicone, R., et al. J. Biol. Chem. 284(7):4723-4738(2009) Baboval, T., et al. Mamm. Genome 13(9):538-541(2002) Roos, C., et al. J. Biol. Chem. 277(5):3168-3175(2002)