

B3GALTL Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9779b

Specification

B3GALTL Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q6Y288](#)

B3GALTL Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 145173

Other Names

Beta-1, 3-glucosyltransferase, Beta3Glc-T, 241-, Beta-3-glycosyltransferase-like, B3GALTL, B3GTL

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.

B3GALTL Antibody (C-term) Blocking Peptide - Protein Information

Name B3GLCT ([HGNC:20207](#))

Synonyms B3GALTL, B3GTL

Function

O-glucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000255|PROSITE-ProRule:PRU10138, ECO:0000269|PubMed:16899492}; Single-pass type II membrane protein

Tissue Location

Widely expressed, with highest levels in testis and uterus.

B3GALTL Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

B3GALTL Antibody (C-term) Blocking Peptide - Images

B3GALTL Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS).

B3GALTL Antibody (C-term) Blocking Peptide - References

Dassie-Ajdid, J., et al. Clin. Genet. 76(5):490-492(2009) Reis, L.M., et al. Am. J. Med. Genet. A 146A (20), 2603-2610 (2008) Hess, D., et al. J. Biol. Chem. 283(12):7354-7360(2008) Kozma, K., et al. J. Biol. Chem. 281(48):36742-36751(2006) Sato, T., et al. Glycobiology 16(12):1194-1206(2006)