

MGAT4C Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12619b**Specification**

MGAT4C Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9UBM8](#)**MGAT4C Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 25834**Other Names**

Alpha-1, 3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase C,
N-acetylglucosaminyltransferase IV homolog, hGnT-IV-H, N-glycosyl-oligosaccharide-glycoprotein
N-acetylglucosaminyltransferase IVc, GlcNAc-T IVc, GnT-IVc, N-acetylglucosaminyltransferase IVc,
UDP-N-acetylglucosamine: alpha-1, 3-D-mannoside beta-1, 4-N-acetylglucosaminyltransferase IVc,
MGAT4C

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.

MGAT4C Antibody (C-term) Blocking peptide - Protein Information**Name** MGAT4C**Function**

Glycosyltransferase that participates in the transfer of N- acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAcbeta1-4 branch on the GlcNAcbeta1-2Manalpha1-3 arm of the core structure of N-linked glycans. Essential for the production of tri- and tetra-antennary N-linked sugar chains (By similarity). Does not catalyze the transfer of GlcNAc to the Manalpha1-6 arm to form GlcNAcBeta1-4Manalpha1-6 linkage ('GnT-VI' activity).

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

Expressed in heart, adrenal gland, testis, liver, brain and fetal brain. Not expressed in pancreas

MGAT4C Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MGAT4C Antibody (C-term) Blocking peptide - Images

MGAT4C Antibody (C-term) Blocking peptide - Background

Glycosyltransferase that participates in the transfer of N-acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAc β 1-4 branch on the GlcNAc β 1-2Man α 1-3 arm of the core structure of N-linked glycans. Essential for the production of tri- and tetra-antennary N-linked sugar chains (By similarity). Does not catalyze the transfer of GlcNAc to the Man α 1-6 arm to form GlcNAc β 1-4Man α 1-6 linkage ('GnT-VI' activity).

MGAT4C Antibody (C-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Trynka, G., et al. Gut 58(8):1078-1083(2009)Furukawa, T., et al. J. Hum. Genet. 44(6):397-401(1999)Thomas, B.A. Br. J. Dermatol. 80 (6), 413 (1968) :