

GCNT2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10215b**Specification**

GCNT2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q06430](#)
Other Accession [NP_001482.1](#)

GCNT2 Antibody (C-term) Blocking peptide - Additional Information**Other Names**

N-acetyllactosaminide beta-1, 6-N-acetylglucosaminyl-transferase, isoform B,
N-acetylglucosaminyltransferase, I-branching enzyme, IGNT, GCNT2, GCNT5, II, NACGT1

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.

GCNT2 Antibody (C-term) Blocking peptide - Protein Information**GCNT2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

GCNT2 Antibody (C-term) Blocking peptide - Images**GCNT2 Antibody (C-term) Blocking peptide - Background**

This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1,6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding different isoforms have been described.

GCNT2 Antibody (C-term) Blocking peptide - References

Twu, Y.C., et al. Blood 110(13):4526-4534(2007) Wang, L., et al. Biochem. Biophys. Res. Commun.

331(4):958-963(2005)Pras, E., et al. Invest. Ophthalmol. Vis. Sci. 45(6):1940-1945(2004)Inaba, N., et al. Blood 101(7):2870-2876(2003)Yu, L.C., et al. Blood 101(6):2081-2088(2003)