

B3GAT2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10471c**Specification**

B3GAT2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O9NPZ5](#)
Other Accession [NP_542780.1](#)

B3GAT2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 135152

Other Names

Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2, Beta-1,
3-glucuronosyltransferase 2, GlcAT-D, UDP-glucuronosyltransferase S, GlcAT-S,
Glucuronosyltransferase S, B3GAT2, GLCATS, KIAA1963

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.

B3GAT2 Antibody (Center) Blocking Peptide - Protein Information

Name B3GAT2

Synonyms GLCATS, KIAA1963

Function

Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on both glycolipids and glycoproteins.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

Expressed in the trachea, retina, spinal cord, hippocampus and other brain regions, and, at lower levels, in testis and ovary

B3GAT2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

B3GAT2 Antibody (Center) Blocking Peptide - Images

B3GAT2 Antibody (Center) Blocking Peptide - Background

The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system. [provided by RefSeq].

B3GAT2 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Shiba, T., et al. Proteins 65(2):499-508(2006) Kakuda, S., et al. Glycobiology 15(2):203-210(2005) Kakuda, S., et al. Protein Expr. Purif. 35(1):111-119(2004)