

ALG2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17233c**Specification**

ALG2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9H553](#)**ALG2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 85365**Other Names**

Alpha-1, 3/1, 6-mannosyltransferase ALG2, Asparagine-linked glycosylation protein 2 homolog, GDP-Man:Man(1)GlcNAc(2)-PP-Dol alpha-1, 3-mannosyltransferase, GDP-Man:Man(1)GlcNAc(2)-PP-dolichol mannosyltransferase, GDP-Man:Man(2)GlcNAc(2)-PP-Dol alpha-1, 6-mannosyltransferase, ALG2

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.

ALG2 Antibody (Center) Blocking Peptide - Protein Information**Name** ALG2**Function**

Mannosylates Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate.

Cellular Location

Membrane; Single-pass membrane protein

ALG2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ALG2 Antibody (Center) Blocking Peptide - Images

ALG2 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichodiphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants.

ALG2 Antibody (Center) Blocking Peptide - References

Inuzuka, T., et al. BMC Struct. Biol. 10, 25 (2010) ; Okumura, M., et al. Biochem. Biophys. Res. Commun. 386(1):237-241 (2009) ; Hoj, B.R., et al. Biochem. Biophys. Res. Commun. 378(1):145-148 (2009) ; Mahul-Mellier, A.L., et al. J. Biol. Chem. 283(50):34954-34965 (2008) ; la Cour, J.M., et al. Mol Oncol 1(4):431-439 (2008)