

ALG13 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17892c**Specification**

ALG13 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9NP73](#)

ALG13 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 79868

Other Names

Putative bifunctional UDP-N-acetylglucosamine transferase and deubiquitinase ALG13, Asparagine-linked glycosylation 13 homolog, Glycosyltransferase 28 domain-containing protein 1, UDP-N-acetylglucosamine transferase subunit ALG13 homolog, ALG13, CXorf45, GLT28D1

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.

ALG13 Antibody (Center) Blocking Peptide - Protein Information

Name ALG13

Synonyms CXorf45, GLT28D1

Function

[Isoform 1]: Possible multifunctional enzyme with both glycosyltransferase and deubiquitinase activities.

Cellular Location

[Isoform 2]: Endoplasmic reticulum. Note=Could be recruited to the cytosolic face of the endoplasmic reticulum membrane through its interaction with ALG14

ALG13 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ALG13 Antibody (Center) Blocking Peptide - Images**ALG13 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene is a subunit of abipartite UDP-N-acetylglucosamine transferase. It heterodimerizes with asparagine-linked glycosylation 14 homolog to form a functional UDP-GlcNAc glycosyltransferase that catalyzes the second sugar addition of the highly conserved oligosaccharide precursor in endoplasmic reticulum N-linked glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene.

ALG13 Antibody (Center) Blocking Peptide - References

Averbeck, N., et al. J. Biol. Chem. 282(40):29081-29088(2007) Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005) Gao, X.D., et al. J. Biol. Chem. 280(43):36254-36262(2005) Epplen, C., et al. Hum. Genet. 93(1):35-41(1994)