

DPAGT1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9967a

Specification

DPAGT1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9H3H5](#)

DPAGT1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 1798

Other Names

UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase, GlcNAc-1-P transferase, G1PT, GPT, N-acetylglucosamine-1-phosphate transferase, DPAGT1, DPAGT2

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.

DPAGT1 Antibody (Center) Blocking Peptide - Protein Information

Name GPT

Function

Catalyzes the initial step of dolichol-linked oligosaccharide biosynthesis in N-linked protein glycosylation pathway: transfers GlcNAc-1-P from UDP-GlcNAc onto the carrier lipid dolichyl phosphate (P-dolichol), yielding GlcNAc-P-P-dolichol.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

DPAGT1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DPAGT1 Antibody (Center) Blocking Peptide - Images

DPAGT1 Antibody (Center) Blocking Peptide - Background

DPAGT1 encoded by this gene is an enzyme that catalyzes the first step in the dolichol-linked oligosaccharide pathway for glycoprotein biosynthesis. This enzyme belongs to the glycosyltransferase family 4. This protein is an integral membrane protein of the endoplasmic reticulum. The congenital disorder of glycosylation type Ij is caused by mutation in the gene encoding this enzyme.

DPAGT1 Antibody (Center) Blocking Peptide - References

Nita-Lazar, M., et al. Cancer Res. 69(14):5673-5680(2009) Bretthauer, R.K. Curr Drug Targets 10(6):477-482(2009) Wu, X., et al. Hum. Mutat. 22(2):144-150(2003)