

PIGO Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17269b**Specification**

PIGO Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TEQ8](#)**PIGO Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 84720**Other Names**

GPI ethanolamine phosphate transferase 3, 2---, Phosphatidylinositol-glycan biosynthesis class O protein, PIG-O, PIGO

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.

PIGO Antibody (C-term) Blocking Peptide - Protein Information**Name** PIGO**Function**

Ethanolamine phosphate transferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers ethanolamine phosphate to the GPI third mannose which links the GPI- anchor to the C-terminus of the proteins by an amide bond.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9JJI6}; Multi-pass membrane protein

PIGO Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PIGO Antibody (C-term) Blocking Peptide - Images**PIGO Antibody (C-term) Blocking Peptide - Background**

This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. This protein is involved in the transfer of ethanolamine phosphate (EtNP) to the third mannose in GPI. At least two alternatively spliced transcripts encoding distinct isoforms have been found for this gene.

PIGO Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642 (2009) Humphray, S.J., et al. Nature 429(6990):369-374 (2004) Clark, H.F., et al. Genome Res. 13(10):2265-2270 (2003)