

PIGT Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16188b

Specification

PIGT Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q969N2](#)

PIGT Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51604

Other Names

GPI transamidase component PIG-T, Phosphatidylinositol-glycan biosynthesis class T protein, PIGT

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.

PIGT Antibody (C-term) Blocking Peptide - Protein Information

Name PIGT

Function

Component of the GPI transamidase complex. Essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates.

Cellular Location

Endoplasmic reticulum membrane; Single-pass type I membrane protein

PIGT Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PIGT Antibody (C-term) Blocking Peptide - Images

PIGT 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 found on many blood cells and serves to anchor proteins to the cell surface. This protein is an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. Several transcript variants encoding different isoforms have been found for this gene.

PIGT Antibody (C-term) Blocking Peptide - References

Li, H.L., et al. FEBS Lett. 580(7):1723-1728(2006) Vainauskas, S., et al. J. Biol. Chem. 280(16):16402-16409(2005) Ohishi, K., et al. J. Biol. Chem. 278(16):13959-13967(2003) Eisenhaber, B., et al. Bioessays 25(4):367-385(2003) Vainauskas, S., et al. J. Biol. Chem. 277(34):30535-30542(2002)