

PIGA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12378b

Specification

PIGA Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P37287](#)

PIGA Antibody (C-term) Blocking peptide - Additional Information

Gene ID 5277

Other Names

Phosphatidylinositol N-acetylglucosaminyltransferase subunit A, GlcNAc-PI synthesis protein, Phosphatidylinositol-glycan biosynthesis class A protein, PIG-A, PIGA

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.

PIGA Antibody (C-term) Blocking peptide - Protein Information

Name PIGA ([HGNC:8957](#))

Function

Catalytic subunit of the glycosylphosphatidylinositol-N- acetylglucosaminyltransferase (GPI-GnT) complex that catalyzes the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol and participates in the first step of GPI biosynthesis.

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

PIGA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PIGA Antibody (C-term) Blocking peptide - Images

PIGA Antibody (C-term) Blocking peptide - Background

This gene encodes a protein required for synthesis of N-acetylglucosaminyl phosphatidylinositol (GlcNAc-PI), the first intermediate in the biosynthetic pathway of GPI anchor. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. Paroxysmal nocturnal hemoglobinuria, an acquired hematologic disorder, has been shown to result from mutations in this gene. Alternate splice variants have been characterized. A related pseudogene is located on chromosome 12.

PIGA Antibody (C-term) Blocking peptide - References

Borowitz, M.J., et al. Cytometry B Clin Cytom 78(4):211-230(2010) Peruzzi, B., et al. Mutat. Res. 705(1):3-10(2010) Araten, D.J., et al. Mutat. Res. 686 (1-2), 1-8 (2010) Iida, Y., et al. Blood 83(11):3126-3131(1994) Ware, R.E., et al. Blood 83(9):2418-2422(1994)