

PIGP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16809a

Specification

PIGP Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P57054](#)

PIGP Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 51227

Other Names

Phosphatidylinositol N-acetylglucosaminyltransferase subunit P, Down syndrome critical region protein 5, Down syndrome critical region protein C, Phosphatidylinositol-glycan biosynthesis class P protein, PIG-P, PIGP, DCRC, DSCR5, DSCRC

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.

PIGP Antibody (N-term) Blocking Peptide - Protein Information

Name PIGP ([HGNC:3046](#))

Synonyms DCRC, DSCR5, DSCRC

Function

Part 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

Membrane; Multi-pass membrane protein

Tissue Location

Ubiquitous.

PIGP Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PIGP Antibody (N-term) Blocking Peptide - Images

PIGP Antibody (N-term) Blocking Peptide - Background

This gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. The encoded protein is a component of the GPI-N-acetylglucosaminyltransferase complex that catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). This gene is located in the Down Syndrome critical region on chromosome 21 and is a candidate for the pathogenesis of Down syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.

PIGP Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Ferrando-Miguel, R., et al. Amino Acids 26(3):255-261(2004) Choi, D.K., et al. Mamm. Genome 12(5):347-351(2001) Kinoshita, T., et al. Curr Opin Chem Biol 4(6):632-638(2000) Watanabe, R., et al. EMBO J. 19(16):4402-4411(2000)