

PIGB Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20135a

Specification

PIGB Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O92521
Other Accession	NP_004846.4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65056
Antigen Region	28-56

PIGB Antibody (N-term) - Additional Information

Gene ID 9488

Other Names

GPI mannosyltransferase 3, 241-, GPI mannosyltransferase III, GPI-MT-III,
Phosphatidylinositol-glycan biosynthesis class B protein, PIG-B, PIGB

Target/Specificity

This PIGB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from the N-terminal region of human PIGB.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PIGB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PIGB Antibody (N-term) - Protein Information

Name PIGB ([HGNC:8959](#))

Function Mannosyltransferase involved in glycosylphosphatidylinositol- anchor biosynthesis.

Transfers the third alpha-1,2-mannose to Man2- GlcN-acyl-PI during GPI precursor assembly.

Cellular Location

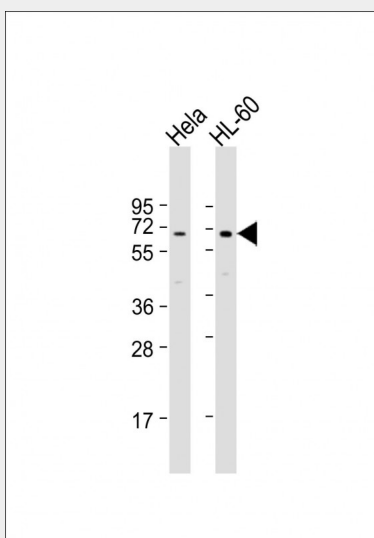
Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGB Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PIGB Antibody (N-term) - Images



All lanes : Anti-PIGB Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PIGB Antibody (N-term) - Background

This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases.

PIGB Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Hwang, G.W., et al. J Toxicol Sci 32(5):581-583(2007)
Anikster, Y., et al. Am. J. Hum. Genet. 71(2):407-414(2002)
Kinoshita, T., et al. Curr Opin Chem Biol 4(6):632-638(2000)
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