

PIGH Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13029a

Specification

PIGH Antibody (N-term) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB,E |
| Primary Accession | O14442 |
| Other Accession | NP_004560.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 21081 |
| Antigen Region | 1-30 |

PIGH Antibody (N-term) - Additional Information

Gene ID 5283

Other Names

Phosphatidylinositol N-acetylglucosaminyltransferase subunit H, Phosphatidylinositol-glycan biosynthesis class H protein, PIG-H, PIGH

Target/Specificity

This PIGH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PIGH.

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

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

PIGH Antibody (N-term) - Protein Information

Name PIGH ([HGNC:8964](#))

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

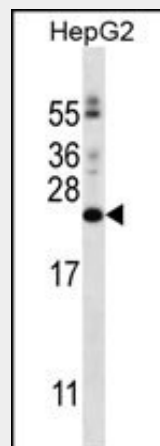
Cytoplasm.

PIGH 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](#)

PIGH Antibody (N-term) - Images



PIGH Antibody (N-term) (Cat. #AP13029a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the PIGH antibody detected the PIGH protein (arrow).

PIGH Antibody (N-term) - Background

This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. The protein encoded by this gene is a subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum.

PIGH Antibody (N-term) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Kinoshita, T., et al. Curr Opin Chem Biol 4(6):632-638(2000)
Watanabe, R., et al. EMBO J. 17(4):877-885(1998)

Watanabe, R., et al. J. Biol. Chem. 271(43):26868-26875(1996)
Ware, R.E., et al. Blood 83(12):3753-3757(1994)