

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

**Specification**

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**PIGH Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O14442</a>
Other Accession	<a href="#">NP_004560.1</a>
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

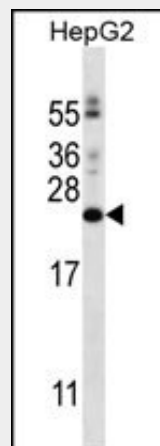
Cytoplasm.

#### 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)

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