10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PIGH Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13029a

Specification

PIGH Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q14442
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.

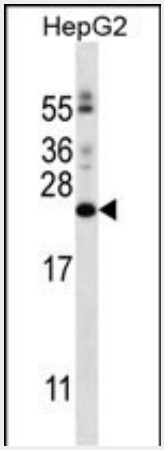
Cellular Location
Cytoplasm.

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 Cytomety
- 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)
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