10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

PIGN Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9751a

Specification

PIGN Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	O95427
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**105810**
Antigen Region	**206-235**

PIGN Antibody (N-term) - Additional Information

Gene ID 23556

Other Names
GPI ethanolamine phosphate transferase 1, 2---, MCD4 homolog, Phosphatidylinositol-glycan biosynthesis class N protein, PIG-N, PIGN, MCD4

Target/Specificity
This PIGN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-235 amino acids from the N-terminal region of human PIGN.

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

PIGN Antibody (N-term) - Protein Information

Name PIGN

Synonyms MCD4

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Function Ethanolamine phosphate transferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers ethanolamine phosphate to the first alpha-1,4-linked mannose of the glycosylphosphatidylinositol precursor of GPI-anchor (By similarity). May act as suppressor of replication stress and chromosome missegregation.

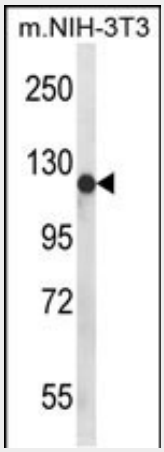
Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGN 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

PIGN Antibody (N-term) - Images



Western blot analysis of PIGN Antibody (N-term) (Cat. #AP9751a) in mouse NIH-3T3 cell line lysates (35ug/lane). PIGN (arrow) was detected using the purified Pab.

PIGN Antibody (N-term) - Background

PIGN is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is expressed in the endoplasmic reticulum and transfers phosphoethanolamine (EtNP) to the first mannose of the GPI anchor.

PIGN Antibody (N-term) - References

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