

PIGS Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18217b

Specification

PIGS Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O96S52
Other Accession	NP_149975.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	61656
Antigen Region	527-555

PIGS Antibody (C-term) - Additional Information

Gene ID 94005

Other Names

GPI transamidase component PIG-S, Phosphatidylinositol-glycan biosynthesis class S protein, PIGS

Target/Specificity

This PIGS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 527-555 amino acids from the C-terminal region of human PIGS.

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

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

PIGS Antibody (C-term) - Protein Information

Name PIGS

Function Component of the GPI transamidase complex. Essential for transfer of GPI to proteins, particularly for formation of carbonyl intermediates.

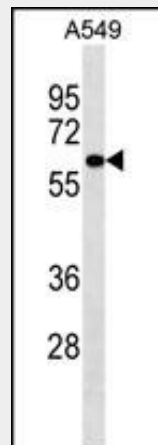
Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGS Antibody (C-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](#)

PIGS Antibody (C-term) - Images

PIGS Antibody (C-term) (Cat. #AP18217b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PIGS antibody detected the PIGS protein (arrow).

PIGS Antibody (C-term) - Background

This gene encodes a protein that 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 encodes an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. [provided by RefSeq].

PIGS Antibody (C-term) - References

Vainauskas, S., et al. J. Biol. Chem. 280(16):16402-16409(2005)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Hong, Y., et al. Mol. Biol. Cell 14(5):1780-1789(2003)
Ohishi, K., et al. J. Biol. Chem. 278(16):13959-13967(2003)
Vainauskas, S., et al. J. Biol. Chem. 277(34):30535-30542(2002)