

PIGU Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21827a

Specification

PIGU Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q9H490
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	50052

PIGU Antibody (N-Term) - Additional Information

Gene ID 128869

Other Names

Phosphatidylinositol glycan anchor biosynthesis class U protein, Cell division cycle protein 91-like 1, Protein CDC91-like 1, GPI transamidase component PIG-U, PIGU, CDC91L1

Target/Specificity

This PIGU antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 102-134 amino acids from human PIGU.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

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

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

PIGU Antibody (N-Term) - Protein Information

Name PIGU ([HGNC:15791](#))

Synonyms CDC91L1

Function Component of the glycosylphosphatidylinositol-anchor (GPI- anchor) transamidase (GPI-T) complex that catalyzes the formation of the linkage between a proprotein and a GPI-anchor and participates in GPI anchored protein biosynthesis (PubMed:[12802054](#), PubMed:[31353022](#), PubMed:[34576938](#), PubMed:[35165458](#), PubMed:[35551457](#), PubMed:[37684232](#)). Binds the lipid portion of GPI-anchor (PubMed:[37684232](#)). May act as an organizer in the transmembrane layer to recruit other subunits, and thus is essential for assembly of the complex (PubMed:[35165458](#), PubMed:[35551457](#)).

Cellular Location

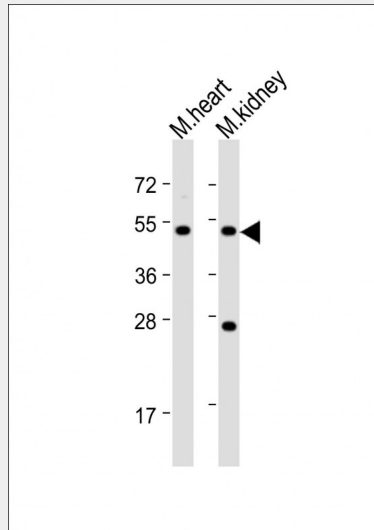
Endoplasmic reticulum membrane; Multi-pass membrane protein

PIGU 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](#)

PIGU Antibody (N-Term) - Images



All lanes : Anti-PIGU Antibody (N-Term) at 1:2000 dilution Lane 1: mouse heart lysate Lane 2: mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

PIGU Antibody (N-Term) - Background

Component of the GPI transamidase complex. May be involved in the recognition of either the GPI attachment signal or the lipid portion of GPI.

PIGU Antibody (N-Term) - References

Hong Y.,et al.Mol. Biol. Cell 14:1780-1789(2003).
Guo Z.,et al.Submitted (SEP-2003) to the EMBL/GenBank/DDBJ databases.
Lin L.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Otsuki T.,et al.DNA Res. 12:117-126(2005).