

PIGX Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10521a

Specification

PIGX Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q8TBF5
Other Accession	NP_060331.3 , NP_001159776.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28788
Antigen Region	67-95

PIGX Antibody (N-term) - Additional Information

Gene ID 54965

Other Names

Phosphatidylinositol-glycan biosynthesis class X protein, PIG-X, PIGX

Target/Specificity

This PIGX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-95 amino acids from the N-terminal region of human PIGX.

Dilution

IHC-P~~1:50~100

WB~~1:1000

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

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

PIGX Antibody (N-term) - Protein Information

Name PIGX ([HGNC:26046](#))

Function Stabilizing subunit of the glycosylphosphatidylinositol- mannosyltransferase I complex which catalyzes the transfer of the first mannose, via an alpha-1,4 bond from a dolichol-phosphate-mannose (Dol- P-Man) to the glucosaminy acyl phosphatidylinositol (GlcN-(acyl)PI) intermediate to generate alpha-D-Man-(1->4)-alpha-D-GlcN-(1->6)-(1-radyl,2-acyl-sn-glycero-3-phospho)-2-acyl-inositol and participates in the sixth step of the glycosylphosphatidylinositol-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM.

Cellular Location

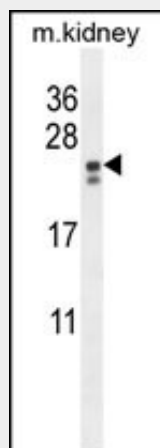
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q60GF7}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q60GF7}

PIGX Antibody (N-term) - Protocols

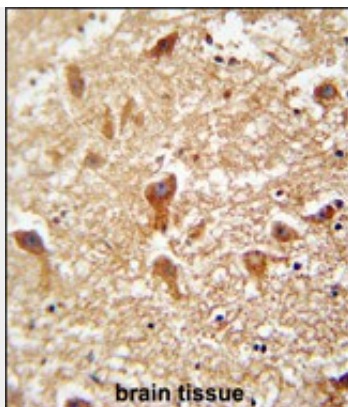
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PIGX Antibody (N-term) - Images



PIGX Antibody (N-term) (Cat. #AP10521a) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the PIGX antibody detected the PIGX protein (arrow).



PIGX antibody (N-term) (Cat. #AP10521a) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PIXG antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PIGX Antibody (N-term) - Background

Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM (By similarity).