

Product datasheet for **AP53302PU-N**

PIGX (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin sections: 1/50-1/100. Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 74-103) of human PIGX.
Specificity:	This antibody recognizes PIGX at N-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphatidylinositol glycan anchor biosynthesis class X
Database Link:	Entrez Gene 54965 Human Q8TBF5
Background:	The PIGX gene encodes an essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably, it acts by stabilizing the mannosyltransferase PIGM (By similarity).



[View online »](#)

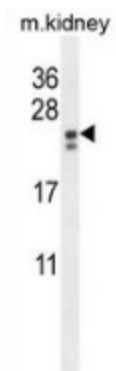
Synonyms: PIG-X

Note: **Molecular Weight:** 28788 Da

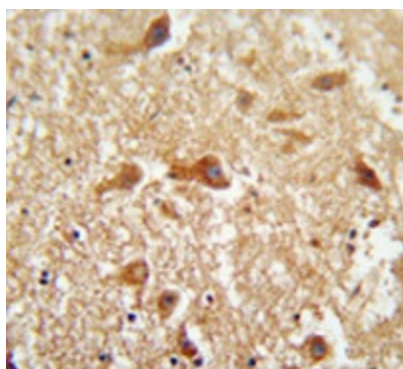
Protein Families: Transmembrane

Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

Product images:



Western blot analysis in mouse kidney tissue lysates (35ug/lane) using PIGX antibody. (N-term). This demonstrates the PIGX antibody detected the PIGX protein (arrow).



Immunohistochemistry analysis in human brain tissue (Formalin-fixed, Paraffin-embedded) using PIGX antibody. (N-term), followed by peroxidase conjugated secondary antibody and DAB staining. This data demonstrates the use of the PIGX antibody for IHC. Clinical relevance has not been evaluated.