

Datasheet for ABIN954141  
**anti-PIGX antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	PIGX
Binding Specificity:	AA 74-103, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGX antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 74-103) of human PIGX.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes PIGX at N-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse
Purification:	Purified through a Protein A column followed by peptide affinity purification

## Target Details

Target:	PIGX
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## Target Details

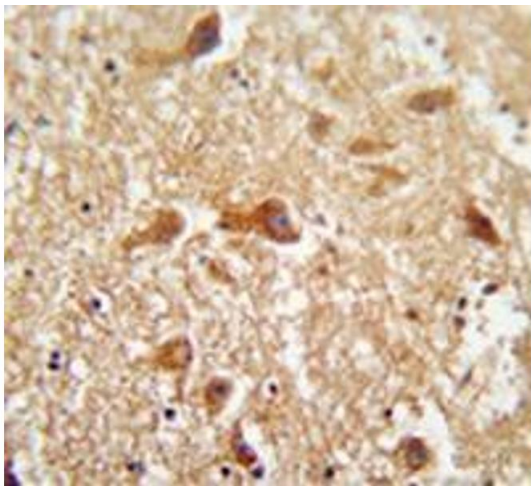
Alternative Name:	PIGX ( <a href="#">PIGX Products</a> )
Background:	The PIGX gene encodes an essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably, it acts by stabilizing the mannosyltransferase PIGM (By similarity).Synonyms: PIG-X, Phosphatidylinositol-glycan biosynthesis class X protein
Gene ID:	54965
NCBI Accession:	<a href="#">NP_001159776</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** 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.



**Western Blotting**

**Image 2.** 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).