

## PIG-X Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07174
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PIGX. AA range:183-232
<b>Mol wt</b>	28804
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PIG-X Antibody
<b>Synonyms</b>	PIGX; Phosphatidylinositol-glycan biosynthesis class X protein; PIG-X

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PIGX encodes a type I transmembrane protein in the endoplasmic reticulum (ER). Phosphatidylinositol glycan anchor biosynthesis class X is an essential component of glycosylphosphatidylinositol-mannosyltransferase I, which transfers the first of the four mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Studies in rat indicate that the protein is translated from a non-AUG translation initiation site. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

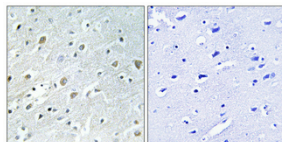
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

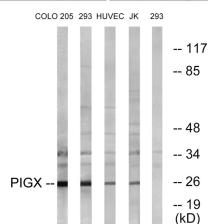
ELISA: 1: 40000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from 293, COLO, HUVEC, and Jurkat cells, using PIGX Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PIG-X Polyclonal Antibody diluted at 1:1000

### Storage

-20°C for one year

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