10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-PIGX Antibody
Rabbit polyclonal antibody to PIGX
Catalog # AP59847

Specification

Anti-PIGX Antibody - Product Information

Application	**WB, IP**
Primary Accession	Q8TBF5
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**28788**

Anti-PIGX Antibody - Additional Information

Gene ID 54965

Other Names
Phosphatidylinositol-glycan biosynthesis class X protein; PIG-X

Target/Specificity
Recognizes endogenous levels of PIGX protein.

Dilution
WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)
IP~~N/A

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-PIGX Antibody - 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 glucosaminyl 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

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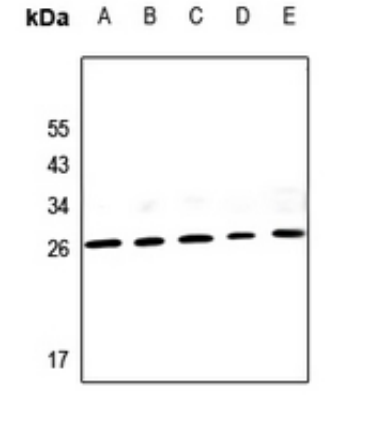
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q60GF7}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q60GF7}

Anti-PIGX Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PIGX Antibody - Images



Western blot analysis of PIGX expression in LO2 (A), HEK293T (B), A549 (C), C6 (D), CT26 (E) whole cell lysates.

Anti-PIGX Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PIGX. The exact sequence is proprietary.