

Anti-PIGX Antibody

Rabbit polyclonal antibody to PIGX
Catalog # AP59847

Product Information

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

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

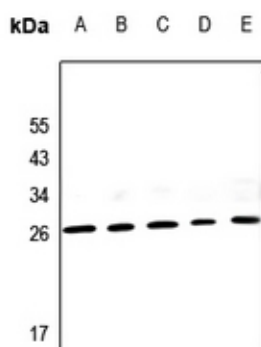
Protein Information

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

Background

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.