

Product datasheet

Anti-PIGX antibody ab74670

1 Image

Overview

Product name	Anti-PIGX antibody
Description	Rabbit polyclonal to PIGX
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide derived from an internal sequence of human PIGX
Positive control	Extracts from COLO cells, 293 cells, HUVEC cells or Jurkat cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab74670** in the following tested applications.

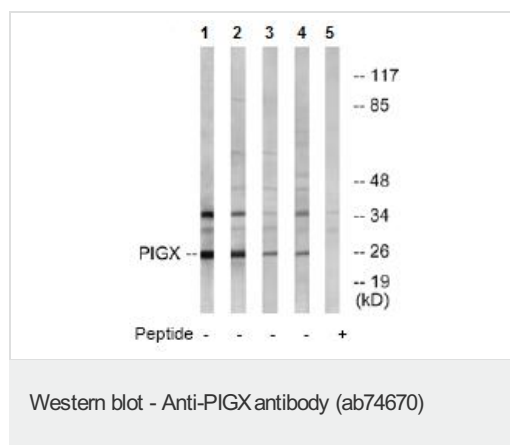
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 29 kDa.
ELISA		1/40000.

Target

Function	Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM.
Pathway	Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.
Sequence similarities	Belongs to the PIGX family.
Post-translational modifications	N-glycosylated.
Cellular localization	Endoplasmic reticulum membrane.

Images



All lanes : Anti-PIGX antibody (ab74670) at 1/500 dilution

Lane 1 : extracts from COLO 205 cells

Lane 2 : extracts from 293 cells

Lane 3 : extracts from HUVEC cells

Lane 4 : extracts from Jurkat cells

Lane 5 : extracts from 293 cells with immunizing peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 29 kDa

Observed band size: 29 kDa

Additional bands at: 36 kDa. We are unsure as to the identity of these extra bands.

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