

For Research Use Only

# PIGO Polyclonal antibody, PBS Only

Catalog Number:16369-1-PBS



## Basic Information

Catalog Number:

16369-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9232

GenBank Accession Number:

BC013987

GeneID (NCBI):

84720

UNIPROT ID:

Q8TEQ8

Full Name:

phosphatidylinositol glycan anchor biosynthesis, class O

Calculated MW:

1089aa,119 kDa; 454aa,50 kDa

Observed MW:

74 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

PIGO (Phosphatidylinositol-glycan biosynthesis class O protein) is an enzyme crucial for attaching GPI anchors to proteins in the endoplasmic reticulum. PIGO encodes a 1,089 amino acid protein, that is involved in GPI biosynthesis (PMID: 22683086).

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

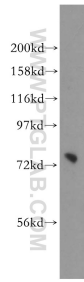
T: 4006900926

E: Proteintech-CN@ptglab.com

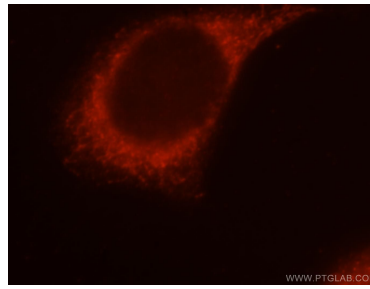
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

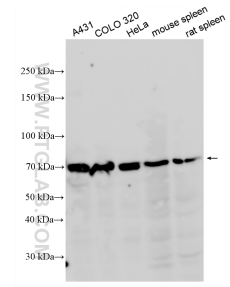
## Selected Validation Data



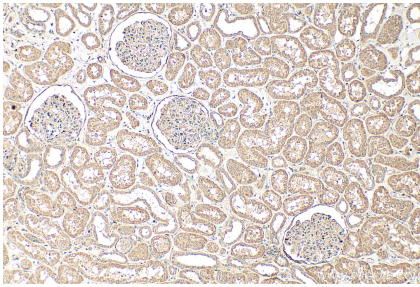
HeLa cells were subjected to SDS PAGE followed by western blot with 16369-1-AP (PIGO antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



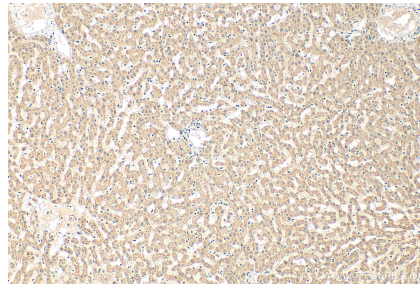
Immunofluorescent analysis of MCF-7 cells, using PIGO antibody 16369-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



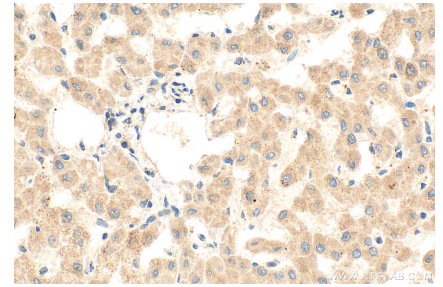
Various lysates were subjected to SDS PAGE followed by western blot with 16369-1-AP (PIGO antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16369-1-AP (PIGO antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16369-1-AP (PIGO antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16369-1-AP (PIGO antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.