

For Research Use Only

PIGO Polyclonal antibody, PBS Only

Catalog Number: 16369-1-PBS



Basic Information

Catalog Number:

16369-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

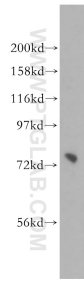
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

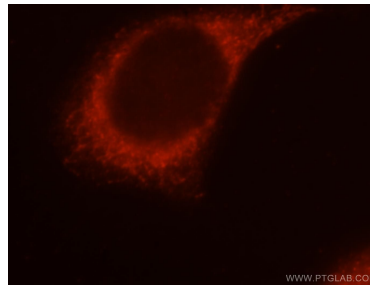
E: proteintech@ptglab.com
W: ptglab.com

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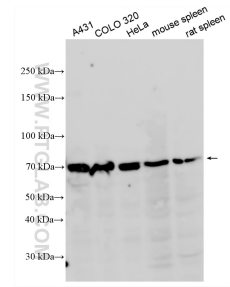
Selected Validation Data



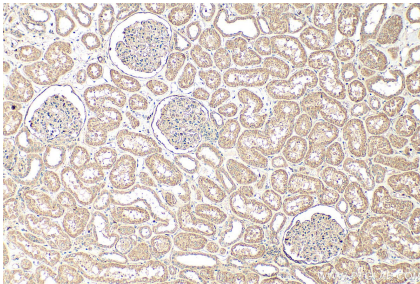
HeLa cells were subjected to SDS PAGE followed by western blot with 16369-1-AP (PIGO antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



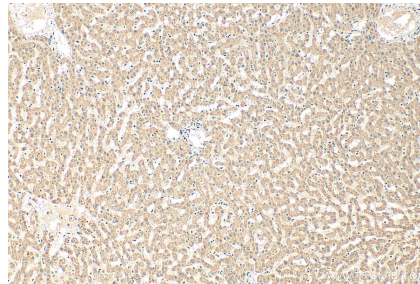
Immunofluorescent analysis of MCF-7 cells, using PIGO antibody 16369-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



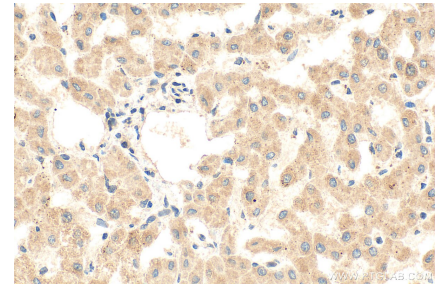
Various lysates were subjected to SDS PAGE followed by western blot with 16369-1-AP (PIGO antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16369-1-PBS in a different storage buffer formulation.



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.