

For Research Use Only

# PIGA Polyclonal antibody

Catalog Number: 13679-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

13679-1-AP

**Size:**

150ul , Concentration: 133 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG4530

**GenBank Accession Number:**

BC038236

**GeneID (NCBI):**

5277

**UNIPROT ID:**

P37287

**Full Name:**

phosphatidylinositol glycan anchor biosynthesis, class A

**Calculated MW:**

484 aa, 54 kDa

**Observed MW:**

38 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : HeLa cells, HEK-293 cells

IHC : mouse lung tissue, rat liver tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Marshall Lukacs	32179897	Hum Mol Genet	IF, WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

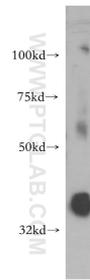
For technical support and original validation data for this product please contact:

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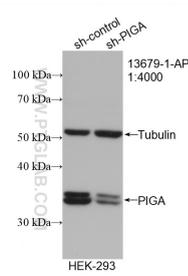
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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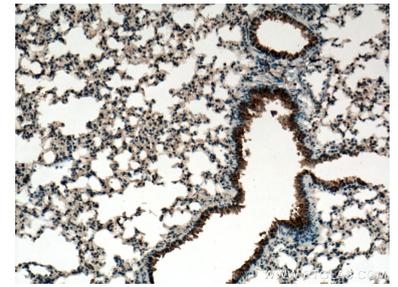
## Selected Validation Data



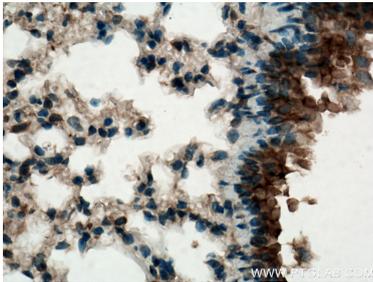
HeLa cells were subjected to SDS PAGE followed by western blot with 13679-1-AP (PIGA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



WB result of PIGA antibody (13679-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PIGA transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13679-1-AP (PIGA antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13679-1-AP (PIGA antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).