

For Research Use Only

# PGAP1 Polyclonal antibody

Catalog Number: 55392-1-AP

3 Publications



## Basic Information

### Catalog Number:

55392-1-AP

### Size:

1000 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_024989

### GeneID (NCBI):

80055

### UNIPROT ID:

Q75T13

### Full Name:

post-GPI attachment to proteins 1

### Calculated MW:

105 kDa

### Observed MW:

49-53 kDa, 85-90 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

**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** : human testis tissue, HEK-293 cells, MCF-7 cells, mouse testis tissue

**IHC** : human testis tissue, human breast cancer tissue

**IF/ICC** : HeLa cells,

## Background Information

PGAP1 belongs to the GPI inositol-deacylase family. It is involved in inositol deacylation of GPI-anchored proteins. GPI inositol deacylation may important for efficient transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi. PGAP1 is the GPI inositol-deacylase (PMID:14734546). This antibody is specific to PGAP1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tatsuaki Kurosaki	36356584	Mol Cell	WB
Takahiro Nakane	30898876	J Biol Chem	WB
Yutong Wu	39291803	Cancer Med	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

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

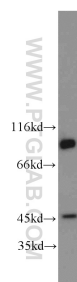
T: 4006900926

E: Proteintech-CN@ptglab.com

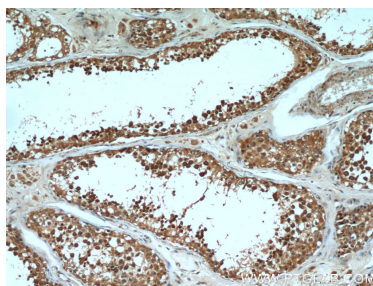
W: ptgcn.com

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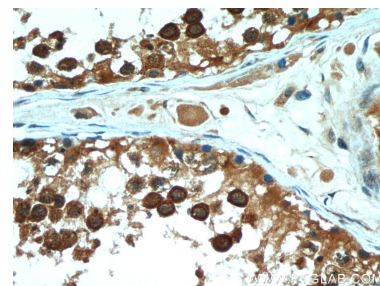
## Selected Validation Data



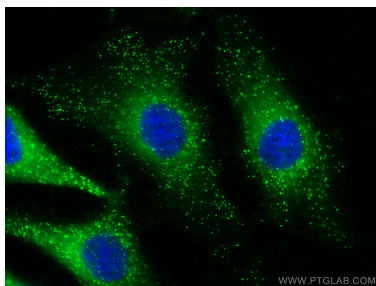
human testis tissue were subjected to SDS PAGE followed by western blot with 55392-1-AP (PGAP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 55392-1-AP (PGAP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 55392-1-AP (PGAP1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PGAP1 antibody (55392-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).