

For Research Use Only

# PGAP1 Polyclonal antibody

Catalog Number: 55392-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 55392-1-AP	<b>GenBank Accession Number:</b> NM_024989	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 80055	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> post-GPI attachment to proteins 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 105 kDa	
	<b>Observed MW:</b> 49-53 kDa, 85-90 kDa	

## Applications

**Tested Applications:**  
IF, IHC, WB, 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 :** 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

## 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**

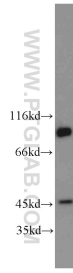
For technical support and original validation data for this product please contact:

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

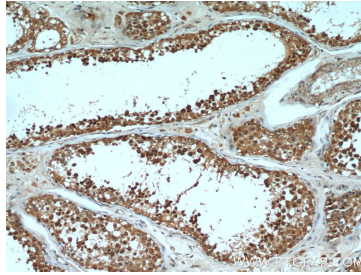
E: proteintech@ptglab.com  
W: ptglab.com

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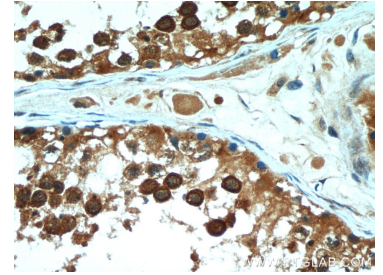
## Selected Validation Data



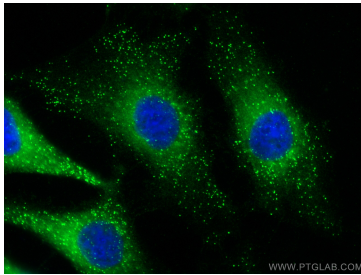
human testis tissue were subjected to SDS PAGE followed by western blot with 55392-1-AP (PGAP1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Rabbit IgG(H+L).