

For Research Use Only

# PGAP1 Polyclonal ANTIBODY



Catalog Number: 55392-1-AP **1 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: 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
<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

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human testis tissue, HEK-293 cells, MCF-7 cells, mouse testis tissue IHC : human testis tissue, human breast cancer tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
Takahiro Nakane	30898876	J Biol Chem	WB

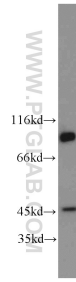
## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

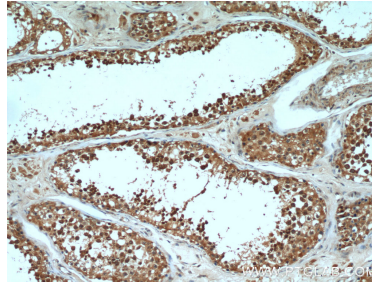
For technical support and original validation data for this product please contact:  
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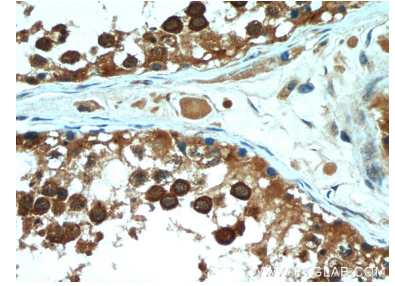
## Selected Validation Data



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).