

For Research Use Only

# PPIG Polyclonal antibody

Catalog Number: 12985-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 12985-1-AP	<b>GenBank Accession Number:</b> BC001555	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 150 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9360	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13427	
<b>Isotype:</b> IgG	<b>Full Name:</b> peptidylprolyl isomerase G (cyclophilin G)	
<b>Immunogen Catalog Number:</b> AG3622	<b>Calculated MW:</b> 739 aa, 87 kDa	
	<b>Observed MW:</b> 89 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : human liver tissue, Jurkat cells, NIH/3T3 cells, SH-SY5Y cells IHC : human prostate cancer tissue, IF/ICC : HeLa cells,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Joonwon Kim	38691600	Sci Adv	IF

## 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

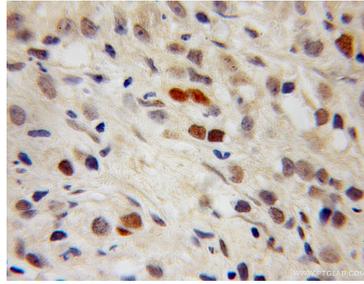
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

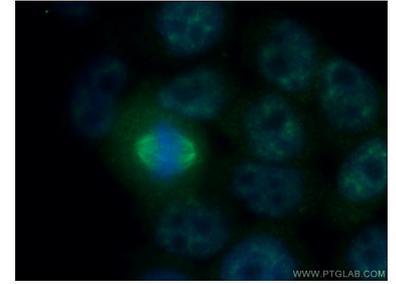
## Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 12985-1-AP (PPIG antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12985-1-AP (PPIG antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 12985-1-AP (PPIG antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).