

For Research Use Only

# PYGB Polyclonal antibody

Catalog Number: 12075-1-AP

Featured Product

14 Publications



## Basic Information

Catalog Number:  
12075-1-AP

Size:  
150ul, Concentration: 300 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG2732

GenBank Accession Number:  
BC017045

GeneID (NCBI):  
5834

Full Name:  
phosphorylase, glycogen; brain

Calculated MW:  
843 aa, 97 kDa

Observed MW:  
97 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
WB 1:1000-1:4000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IHC 1:50-1:500

## Applications

Tested Applications:  
IHC, IP, WB, ELISA

Cited Applications:  
IHC, WB

Species Specificity:  
human, mouse, rat

Cited Species:  
human, mouse, rat

**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 brain tissue, MCF-7 cells, rat brain tissue

IP: mouse brain tissue,

IHC: rat brain tissue, mouse heart tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Monika Tadi	26513352	PLoS One	WB
Scott P Allen	31647549	Brain	WB
Yang Zhou	31627092	Biomed Pharmacother	WB,IHC

## 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

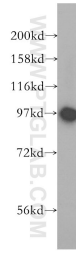
For technical support and original validation data for this product please contact:

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

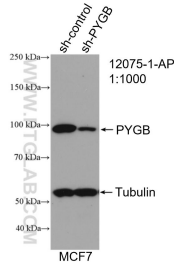
E: proteintech@ptglab.com  
W: ptglab.com

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

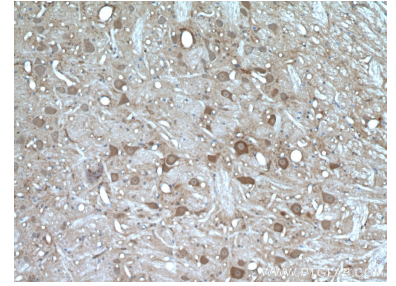
## Selected Validation Data



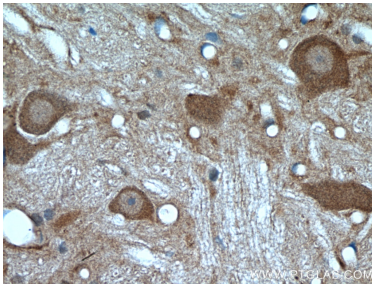
human brain tissue were subjected to SDS PAGE followed by western blot with 12075-1-AP (PYGB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



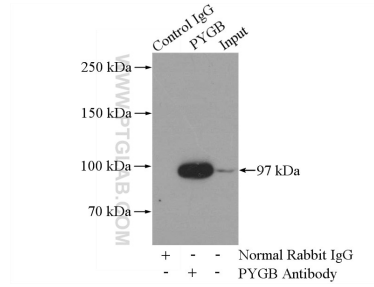
WB result of PYGB antibody (12075-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PYGB transfected MCF-7 cells.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12075-1-AP (PYGB antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12075-1-AP (PYGB antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-PYGB (IP:12075-1-AP, 4ug; Detection:12075-1-AP 1:500) with mouse brain tissue lysate 4000ug.