

For Research Use Only

# PABPC4 Polyclonal antibody

Catalog Number: 14960-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 14960-1-AP	<b>GenBank Accession Number:</b> BC065540	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8761	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> poly(A) binding protein, cytoplasmic 4 (inducible form)	<b>IHC 1:20-1:200</b> <b>IF 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 70 kDa	
<b>Immunogen Catalog Number:</b> AG6813	<b>Observed MW:</b> 70-71 kDa	

## Applications

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

**Cited Applications:**  
IF, IP, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

**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 :** HeLa cells, mouse heart tissue, human brain tissue, Jurkat cells

**IP :** mouse heart tissue,

**IHC :** human gliomas tissue,

**IF :** HepG2 cells, HeLa cells, Ethacrynic acid treated HepG2 cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Evan P Booy	30247708	Nucleic Acids Res	WB,IP
Emily Yang	36067236	PLoS Pathog	WB
Xiaotong Sun	30404616	BMC Pregnancy Childbirth	WB

## Storage

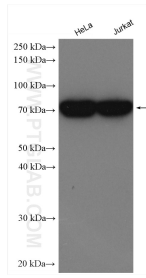
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

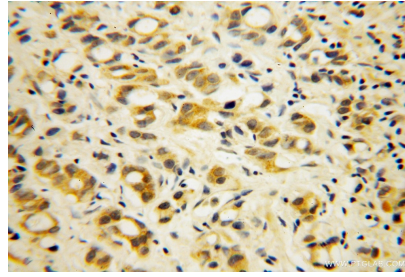
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

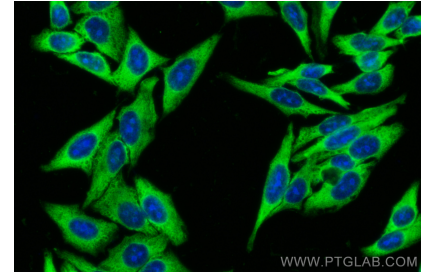
## Selected Validation Data



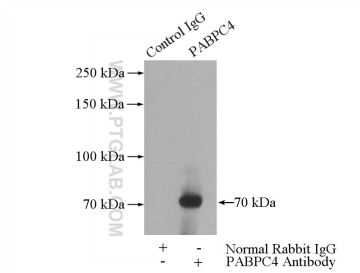
Various lysates were subjected to SDS PAGE followed by western blot with 14960-1-AP (PABPC4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 14960-1-AP (PABPC4 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using PABPC4 antibody (14960-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-PABPC4 (IP:14960-1-AP, 4 $\mu$ g; Detection:14960-1-AP 1:500) with mouse heart tissue lysate 4000 $\mu$ g.