

For Research Use Only

# PPP4R1 Polyclonal antibody

Catalog Number: 27805-1-AP

Featured Product



## Basic Information

**Catalog Number:**  
27805-1-AP

**Size:**  
150ul, Concentration: 700 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG26405

**GenBank Accession Number:**  
BC060829

**GeneID (NCBI):**  
9989

**Full Name:**  
protein phosphatase 4, regulatory subunit 1

**Calculated MW:**  
107 kDa

**Observed MW:**  
120-130 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:2000-1:16000  
IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB  
IHC 1:50-1:500

## Applications

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

**Species Specificity:**  
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:** HEK-293T cells, HeLa cells, HEK-293 cells, A431 cells

**IP:** HEK-293T cells,

**IHC:** human liver cancer tissue,

## Background Information

### 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

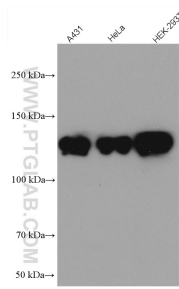
For technical support and original validation data for this product please contact:

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

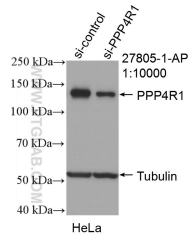
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

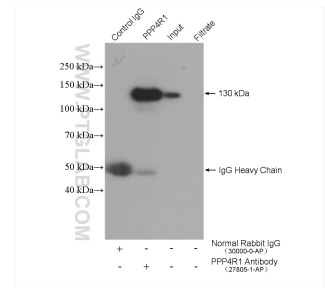
## Selected Validation Data



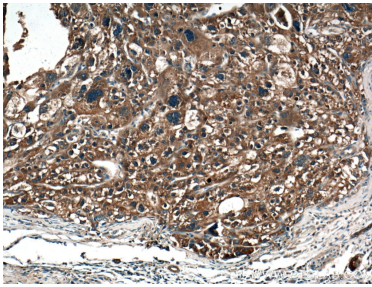
Various lysates were subjected to SDS PAGE followed by western blot with 27805-1-AP (PPP4R1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



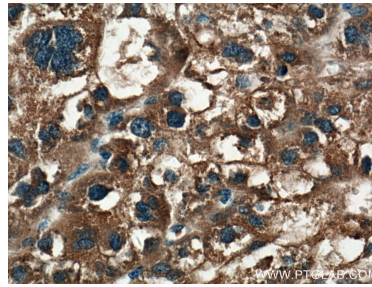
WB result of PPP4R1 antibody (27805-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PPP4R1 transfected HeLa cells.



IP result of anti-PPP4R1 (IP:27805-1-AP, 4ug; Detection:27805-1-AP 1:2000) with HEK-293T cells lysate 4000 ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27805-1-AP (PPP4R1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27805-1-AP (PPP4R1 antibody) at dilution of 1:200 (under 40x lens).