

For Research Use Only

# Septin 6 Polyclonal antibody

Catalog Number: 12805-1-AP

Featured Product

15 Publications



## Basic Information

### Catalog Number:

12805-1-AP

### Size:

300 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3521

### GenBank Accession Number:

BC036240

### GeneID (NCBI):

23157

### UNIPROT ID:

Q14141

### Full Name:

septin 6

### Calculated MW:

434 aa, 50 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### 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 : Jurkat cells, K-562 cells, rat brain tissue

IP : rat brain tissue,

IHC : human cervical cancer tissue,

## Background Information

Septin 6 belongs to the septins family which are conserved GTP-binding proteins functioning as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeletal remodeling. Septin 6 also interacts with hepatitis C virus (HCV) NS5b RNA polymerase and NS5b-binding protein (HNRNPA1) and may play a role in HCV RNA replication.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuhui Fan	30315255	Lab Invest	WB
Yi-Ru Shen	32392324	Mol Hum Reprod	IF
Lei Sun	31905721	Cells	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

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

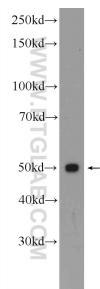
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

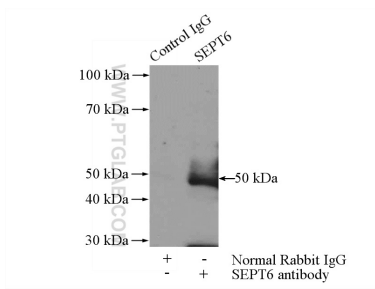
W: [ptgcn.com](http://ptgcn.com)

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

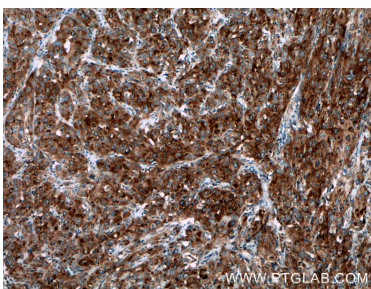
Selected Validation Data



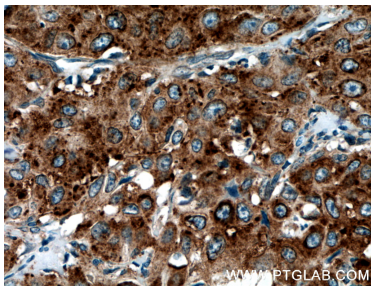
Jurkat cells were subjected to SDS PAGE followed by western blot with 12805-1-AP (Septin 6 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-Septin 6 (IP:12805-1-AP, 4ug; Detection:12805-1-AP 1:600) with rat brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 12805-1-AP (Septin 6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 12805-1-AP (SEPT6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).