

For Research Use Only

# Septin 8 Polyclonal antibody

Catalog Number: 11769-1-AP

Featured Product

12 Publications



## Basic Information

### Catalog Number:

11769-1-AP

### Size:

550 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2357

### GenBank Accession Number:

BC001329

### GeneID (NCBI):

23176

### UNIPROT ID:

Q92599

### Full Name:

septin 8

### Calculated MW:

55.6 kDa

### Observed MW:

50-56 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, 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** : HeLa cells, mouse testis tissue, K-562 cells, mouse brain tissue, rat brain tissue

**IP** : HeLa cells,

**IHC** : human gliomas tissue, human heart tissue

**IF/ICC** : hTERT-RPE1 cells,

## Background Information

Septin 8, also named as KIAA0202, is a member of the highly conserved septin family. Septins are 40-60kD GTPases that assemble as filamentous scaffolds. They are involved in the organization of submembranous structures, in neuronal polarity, and in vesicle trafficking. It may play a role in platelet secretion. Septin 8 is about 50-56 kDa in WB detection.

## Notable Publications

Author	Pubmed ID	Journal	Application
Katharina Neubauer	33202444	Thromb Haemost	WB,IF
Ann-Kristin Martens	36378242	Cytoskeleton (Hoboken)	WB,IF
Andrew A Jarjour	32125730	Glia	

## 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:

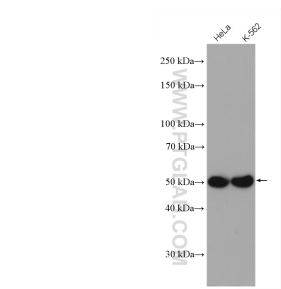
T: 4006900926

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.

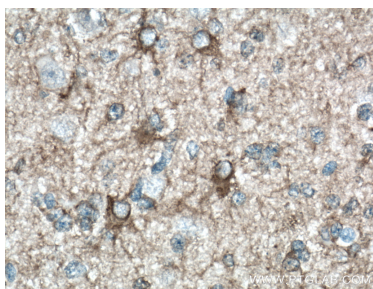
Selected Validation Data



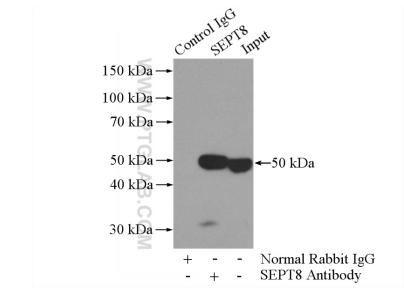
HeLa cells were subjected to SDS PAGE followed by western blot with 11769-1-AP (Septin 8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



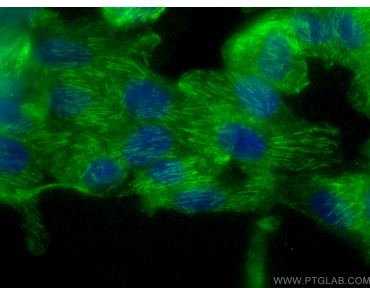
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11769-1-AP (Septin 8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11769-1-AP (SEPT8 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Septin 8 (IP:11769-1-AP, 3ug; Detection:11769-1-AP 1:1000) with HeLa cells lysate 2000ug.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using Septin 8 antibody (11769-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).