

For Research Use Only

# Septin 8 Polyclonal antibody

Catalog Number: 11769-1-AP

Featured Product

10 Publications



## Basic Information

**Catalog Number:**

11769-1-AP

**Size:**

150ul, Concentration: 550 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

**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 1:50-1:500

## Applications

**Tested Applications:**

WB, IP, IF, IHC, ELISA

**Cited Applications:**

WB, IF

**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 testis tissue, K-562 cells, mouse brain tissue, rat brain tissue

**IP:** HeLa cells,

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

**IF:** 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

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

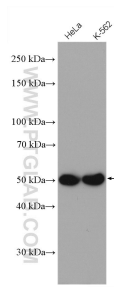
For technical support and original validation data for this product please contact:

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

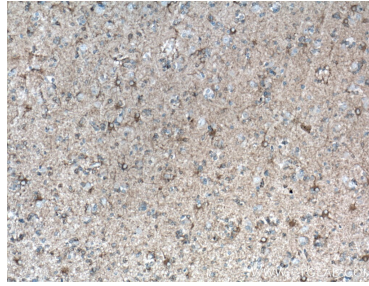
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

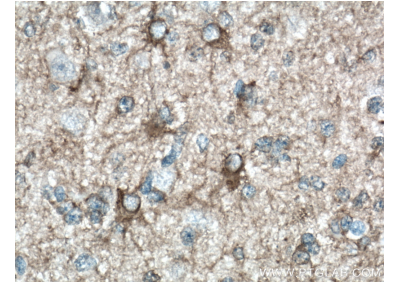
## Selected Validation Data



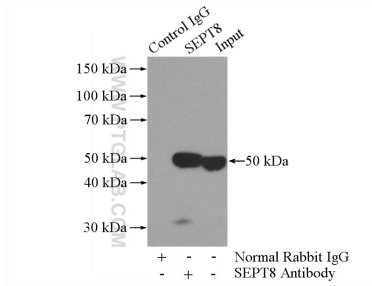
HeLa cells were subjected to SDS PAGE followed by western blot with 11769-1-AP (Septin 8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



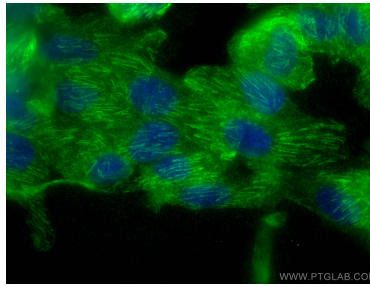
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11769-1-AP (Septin 8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure Goat Anti-Rabbit IgG(H+L).