

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:

150ul, Concentration: 550 ug/ml by Nanodrop and 300 ug/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 ug 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

*** 20ul sizes contain 0.1% BSA

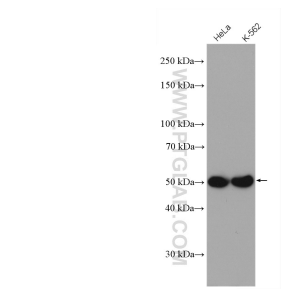
For technical support and original validation data for this product please contact:

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.

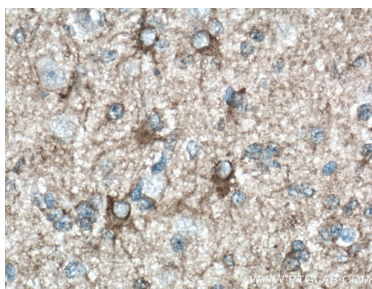
Selected Validation Data



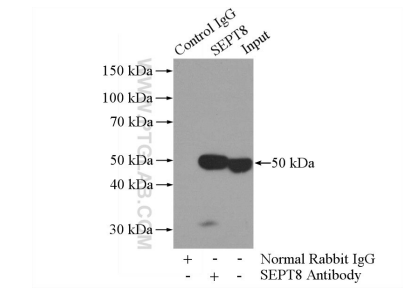
HeLa cells were subjected to SDS PAGE followed by western blot with 11769-1-AP (Septin 8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



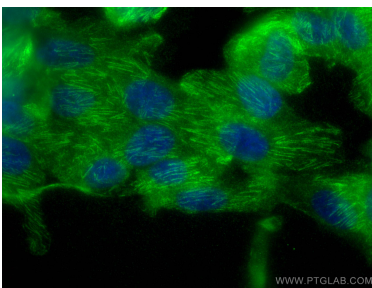
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11769-1-AP (Septin 8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).