

For Research Use Only

Septin 7 Polyclonal antibody

Catalog Number: 13818-1-AP

Featured Product

22 Publications



Basic Information

Catalog Number: 13818-1-AP	GenBank Accession Number: BC025987	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 989	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: septin 7	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG4907	Observed MW: 45-50 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, PLA, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, bovine

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 : HepG2 cells, A375 cells, HeLa cells, Jurkat cells, mouse testis tissue, rat testis tissue

IHC : human gliomas tissue, human lung cancer tissue

IF : hTERT-RPE cells, HepG2 cells

Background Information

Septins (SEPTs) are members of a conserved family of cytoskeletal GTPases involved in various cellular processes, including cytoskeleton organization, cytokinesis, and membrane dynamics. SEPT7 is a unique septin required for filament formation. It has also been reported to be involved in migration and invasion in various cancer cells, including breast cancer and glioma.

Notable Publications

Author	Pubmed ID	Journal	Application
Ravinder Kandi	34661963	EMBO Rep	IF, PLA
Aaron J Farrugia	27248291	Small GTPases	IF
Prasad V Phatarpekar	32841357	J Cell Biol	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

*** 20ul sizes contain 0.1% BSA

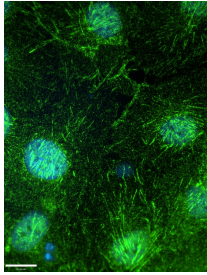
For technical support and original validation data for this product please contact:

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.

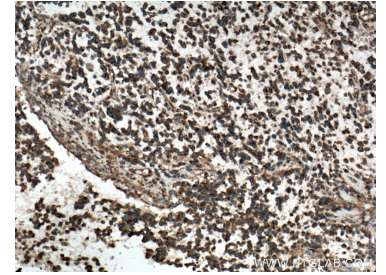
Selected Validation Data



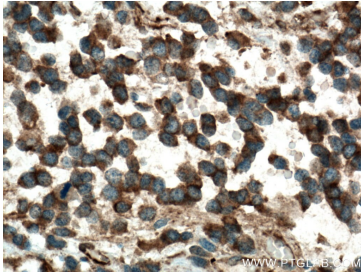
IF result of anti-Septin 7 (13818-1-AP, 1:1000) with hTERT-RPE cell by Dr. Moshe Kim. Green: Septin 7. Blue: DNA. 1% PFA fixed.



HepG2 cells were subjected to SDS PAGE followed by western blot with 13818-1-AP (Septin 7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13818-1-AP (Septin 7 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 13818-1-AP (Septin 7 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).