

For Research Use Only

RANGAP1 Polyclonal antibody

Catalog Number: 11102-1-AP **3 Publications**



Basic Information

Catalog Number: 11102-1-AP	GenBank Accession Number: BC014044	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5905	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: Ran GTPase activating protein 1	IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG	Calculated MW: 64 kDa	
Immunogen Catalog Number: AG1563	Observed MW: 64 kDa	

Applications

Tested Applications: FC, IF, IHC, IP, WB, ELISA	Positive Controls: WB : SH-SY5Y cells, HEK-293 cells IP : HEK-293 cells, IHC : human gliomas tissue, IF : HepG2 cells,
Cited Applications: CoIP, IF, IHC, IP, WB	
Species Specificity: human	
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	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xianwei Chen	26844761	J Proteomics	WB
Hong-Juan You	37845585	Cell Oncol (Dordr)	WB,IF,CoIP
Yan Gong	36696903	Dev Cell	WB,IHC,IP

Storage

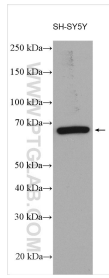
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

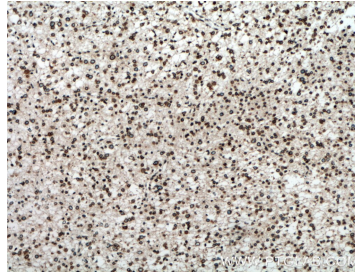
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

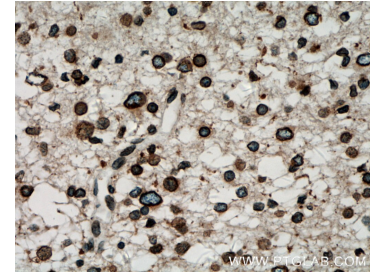
Selected Validation Data



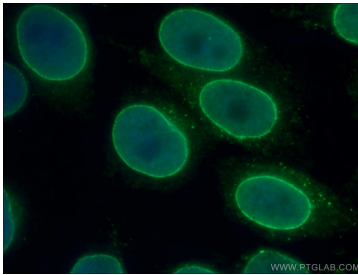
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 11102-1-AP (RANGAP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



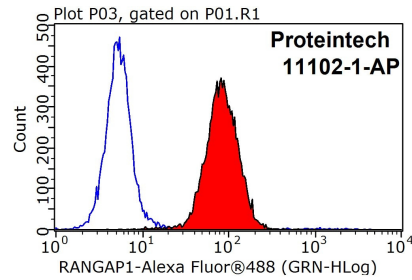
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11102-1-AP (RANGAP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



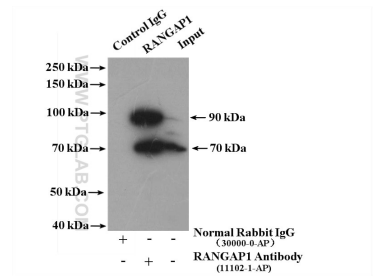
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11102-1-AP (RANGAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 11102-1-AP (RANGAP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HepG2 cells were stained with 0.2ug RANGAP1 antibody (11102-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP Result of anti-RANGAP1 (IP:11102-1-AP, 4ug; Detection:11102-1-AP 1:300) with HEK-293 cells lysate 3600ug.