

For Research Use Only

EIF4G3 Polyclonal antibody

Catalog Number: 11281-1-AP **2 Publications**



Basic Information

Catalog Number: 11281-1-AP	GenBank Accession Number: BC030578	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 µg/ml by Nanodrop and 473 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8672	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: eukaryotic translation initiation factor 4 gamma, 3	IHC 1:10-1:100 IF 1:50-1:500
Isotype: IgG	Calculated MW: 177 kDa	
Immunogen Catalog Number: AG1811	Observed MW: 70 kDa, 250 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : A431 cells, HEK-293 cells, A549 cells, HeLa cells, HepG2 cells IP : HeLa cells, IHC : human gliomas tissue, IF : HeLa cells,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human	
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

Eukaryotic translation initiation factor 4 gamma, 3 (EIF4G3) may be involved in the recognition of the mRNA cap. The protein migrated at approximately 70 kDa and/or 250 kDa in SDS-PAGE.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Huang	35578896	Jpn J Clin Oncol	IHC
Lijie Zhou	37729394	Cancer Res	WB

Storage

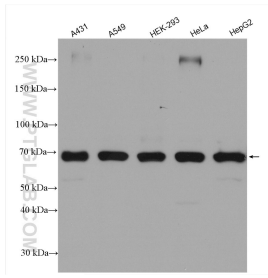
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

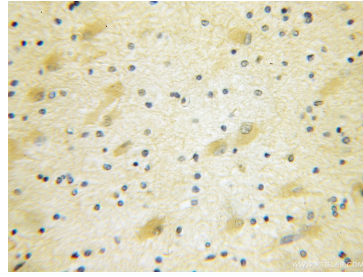
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

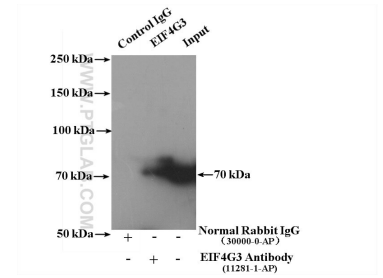
Selected Validation Data



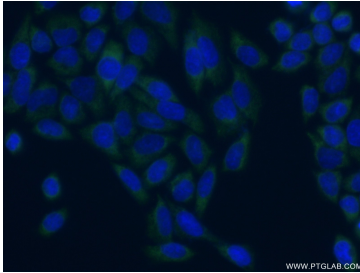
Various lysates were subjected to SDS PAGE followed by western blot with 11281-1-AP (EIF4G3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11281-1-AP (EIF4G3 antibody) at dilution of 1:10 (under 10x lens).



IP Result of anti-EIF4G3 (IP:11281-1-AP, 4ug; Detection:11281-1-AP 1:500) with HeLa cells lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 11281-1-AP (EIF4G3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).