

For Research Use Only

EIF4G3 Polyclonal antibody

Catalog Number: 11281-1-AP

4 Publications



Basic Information

Catalog Number:

11281-1-AP

Concentration:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1811

GenBank Accession Number:

BC030578

GeneID (NCBI):

8672

UNIPROT ID:

O43432

Full Name:

eukaryotic translation initiation factor 4 gamma, 3

Calculated MW:

177 kDa

Observed MW:

70 kDa, 250 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:10-1:100

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A431 cells, HEK-293 cells, A549 cells, HeLa cells, HepG2 cells

IP : HeLa cells,

IHC : human gliomas tissue,

IF/ICC : HeLa cells,

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
Cong Wang	39436635	Mol Biotechnol	WB
Joonwon Kim	38691600	Sci Adv	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

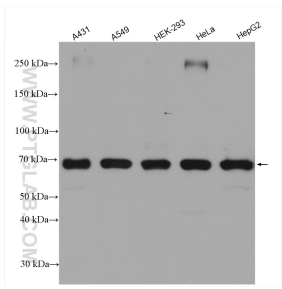
T: 4006900926

E: Proteintech-CN@ptglab.com

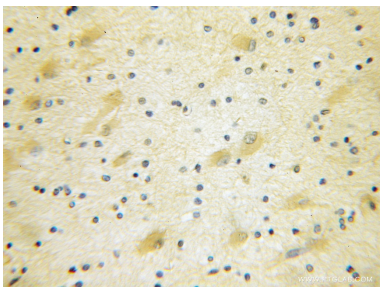
W: ptgcn.com

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

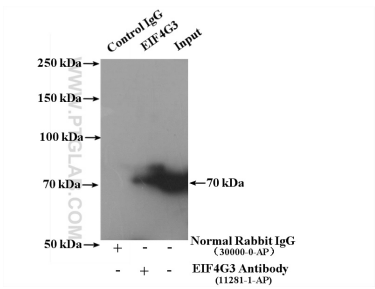
Selected Validation Data



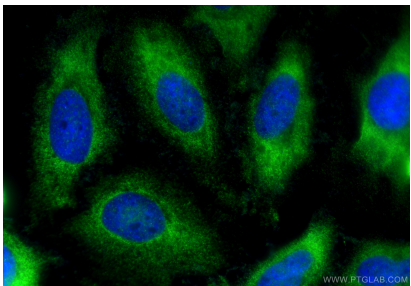
Various lysates were subjected to SDS PAGE followed by western blot with 11281-1-AP (EIF4G3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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 EIF4G3 antibody (11281-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).