

For Research Use Only

# EIF4G3 Polyclonal antibody

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



## Basic Information

**Catalog Number:**

11281-1-AP

**Size:**

800 µg/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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:10-1:100

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IHC

**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:** 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
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

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

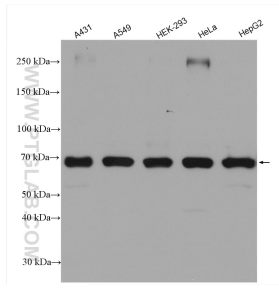
T: 4006900926

E: Proteintech-CN@ptglab.com

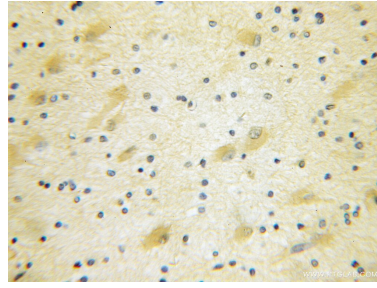
W: ptgcn.com

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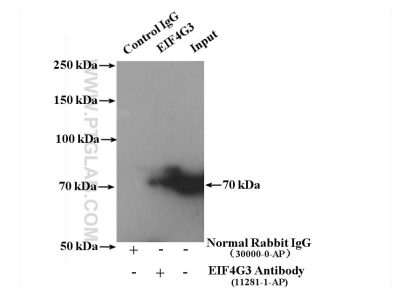
## Selected Validation Data



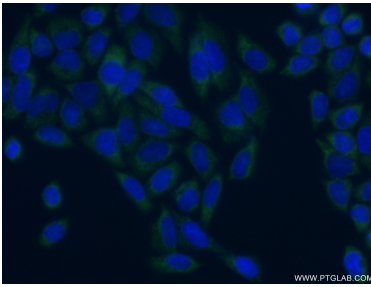
Various lysates were subjected to SDS PAGE followed by western blot with 11281-1-AP (EIF4G3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).