

For Research Use Only

# eIF4G2/DAP5 Polyclonal antibody

Catalog Number: 17728-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

17728-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12125

**GenBank Accession Number:**

BC043149

**GeneID (NCBI):**

1982

**UNIPROT ID:**

P78344

**Full Name:**

eukaryotic translation initiation factor 4 gamma, 2

**Calculated MW:**

907 aa, 102 kDa

**Observed MW:**

98-102 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

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

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse

**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**

**Positive Controls:**

WB : Jurkat cells, HeLa cells, MCF-7 cells, Neuro-2a cells

IP : MCF-7 cells,

IHC : human prostate cancer tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Sunwang Xu	31792210	Nat Commun	WB
Zirui Jia	37646610	Shock	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:

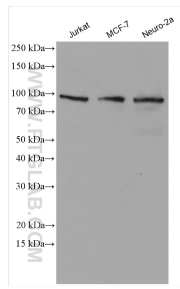
T: 4006900926

E: Proteintech-CN@ptglab.com

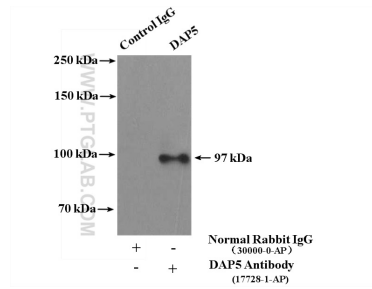
W: ptgcn.com

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

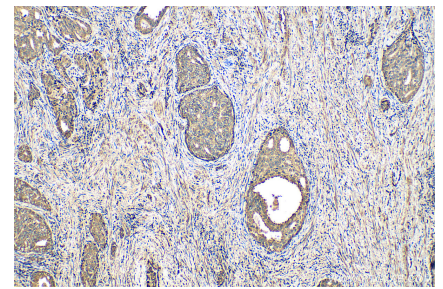
## Selected Validation Data



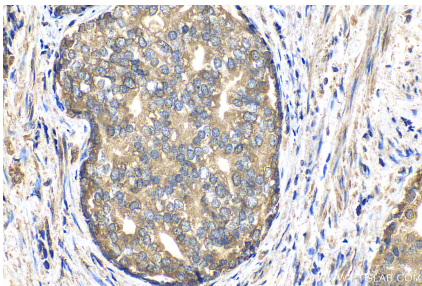
Various lysates were subjected to SDS PAGE followed by western blot with 17728-1-AP (DAP5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-eIF4G2/DAP5 (IP:17728-1-AP, 4ug; Detection:17728-1-AP 1:400) with MCF-7 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 17728-1-AP (eIF4G2/DAP5 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 prostate cancer tissue slide using 17728-1-AP (eIF4G2/DAP5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).