

For Research Use Only

eIF4G2/DAP5 Polyclonal antibody

Catalog Number: 17728-1-AP

4 Publications



Basic Information

Catalog Number:

17728-1-AP

Concentration:

600 ug/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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, RIP

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, human skin cancer tissue

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Sunwang Xu	31792210	Nat Commun	WB
Tian Lan	39747873	Nat Commun	WB
Manman Li	39213495	J Proteome Res	WB, RIP

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:

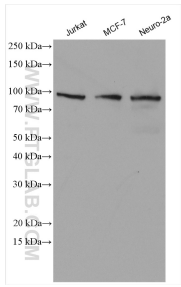
T: 4006900926

E: Proteintech-CN@ptglab.com

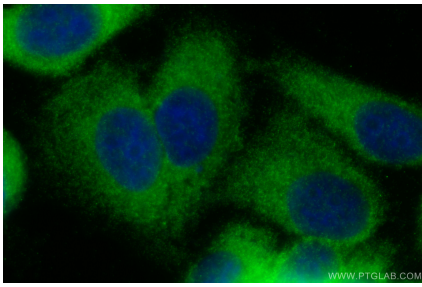
W: ptgcn.com

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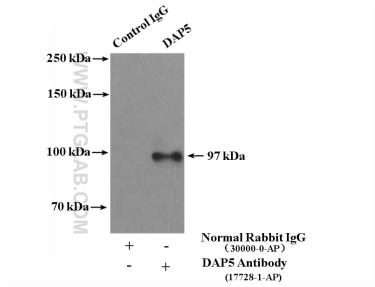
Selected Validation Data



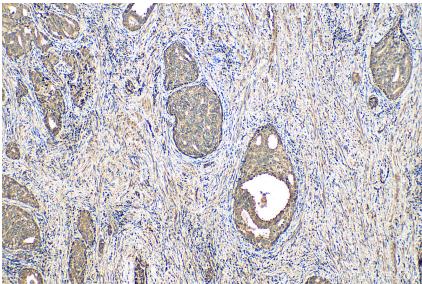
Various lysates were subjected to SDS PAGE followed by western blot with 17728-1-AP (DAP5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



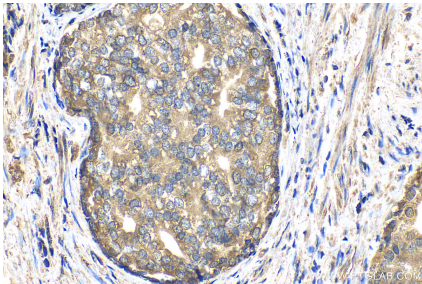
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using eIF4G2/DAP5 antibody (17728-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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).