

For Research Use Only

# GADD45GIP1 Polyclonal antibody

Catalog Number: 16260-1-AP

5 Publications



## Basic Information

Catalog Number:

16260-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9299

GenBank Accession Number:

BC013027

GeneID (NCBI):

90480

UNIPROT ID:

Q8TAE8

Full Name:

growth arrest and DNA-damage-inducible, gamma interacting protein 1

Calculated MW:

222 aa, 25 kDa

Observed MW:

25-28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

**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 : HeLa cells, NIH/3T3 cells, mouse heart tissue, HEK-293 cells, SKOV-3 cells

IP : mouse heart tissue,

IHC : human ovary tumor tissue, mouse brain tissue

## Background Information

### Notable Publications

| Author         | Pubmed ID | Journal          | Application |
|----------------|-----------|------------------|-------------|
| Runzhou Zhuang | 29212264  | Oncotarget       | IHC         |
| Li Peng        | 30506316  | J Mol Med (Berl) | WB          |
| Lingfei Li     | 30906793  | Burns Trauma     | 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:

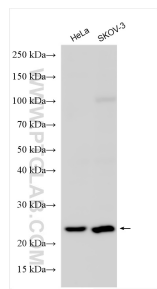
T: 4006900926

E: Proteintech-CN@ptglab.com

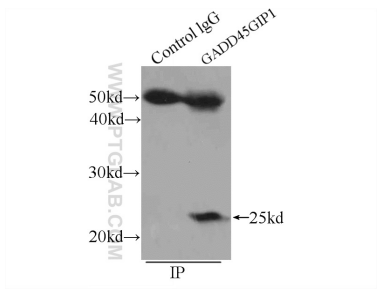
W: ptgcn.com

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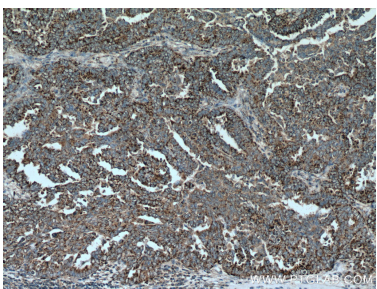
Selected Validation Data



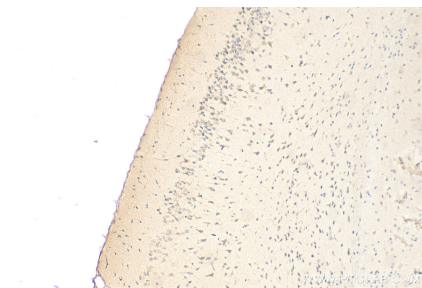
Various lysates were subjected to SDS PAGE followed by western blot with 16260-1-AP (GADD45GIP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-GADD45GIP1 (IP:16260-1-AP, 4ug; Detection:16260-1-AP 1:400) with mouse heart tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 16260-1-AP (GADD45GIP1 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 mouse brain tissue slide using 16260-1-AP (GADD45GIP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).