

For Research Use Only

# CDKN2AIP Polyclonal antibody

Catalog Number: 16615-1-AP

2 Publications



## Basic Information

### Catalog Number:

16615-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9907

### GenBank Accession Number:

BC022270

### GeneID (NCBI):

55602

### UNIPROT ID:

Q9NXV6

### Full Name:

CDKN2A interacting protein

### Calculated MW:

579 aa, 61 kDa

### Observed MW:

61 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 1:20-1:200

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, mouse

### Positive Controls:

WB: COLO 320 cells, Jurkat cells, HeLa cells

IP: HeLa cells,

IHC: human kidney tissue, human liver tissue, human ovary tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue

IF/ICC: HepG2 cells,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Notable Publications

| Author        | Pubmed ID | Journal                       | Application |
|---------------|-----------|-------------------------------|-------------|
| Xianhong Yang | 35368624  | Clin Cosmet Investig Dermatol | WB          |
| Yuming Cao    | 35989335  | Cell Biosci                   | WB,IHC,IF   |

## 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

\*\*\* 20ul sizes contain 0.1%BSA

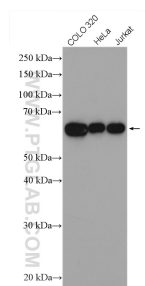
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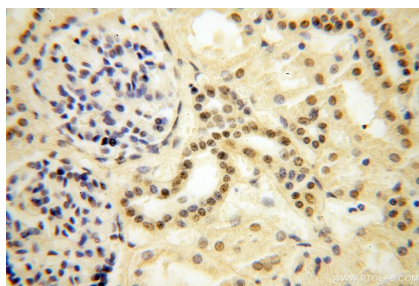
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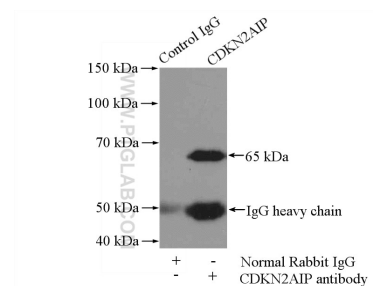
## Selected Validation Data



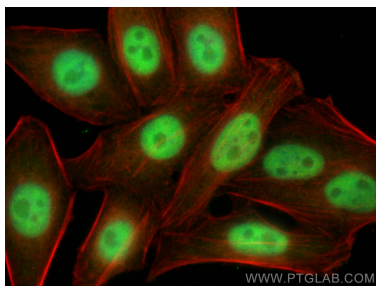
COLO 320 cells were subjected to SDS PAGE followed by western blot with 16615-1-AP (CDKN2AIP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 16615-1-AP (CDKN2AIP antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-CDKN2AIP (IP:16615-1-AP, 4ug; Detection:16615-1-AP 1:500) with HeLa cells lysate 2800ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CDKN2AIP antibody (16615-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).