

For Research Use Only

# Alpha Adducin Polyclonal antibody

Catalog Number: 10791-1-AP

2 Publications



## Basic Information

### Catalog Number:

10791-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1245

### GenBank Accession Number:

BC013393

### GeneID (NCBI):

118

### UNIPROT ID:

P35611

### Full Name:

adducin 1 (alpha)

### Calculated MW:

81 kDa, 84 kDa, 70 kDa, 73 kDa, 56 kDa

### Observed MW:

115-120 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:1000-1:4000

IF-P 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

rat, bovine

**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: K-562 cells, mouse testis tissue

IHC: human ovary cancer tissue, human ovary tumor tissue

IF-P: mouse brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yue Wang	35945402	Mol Biol Rep	WB
Nghi M Nguyen	35456952	Int J Mol Sci	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

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

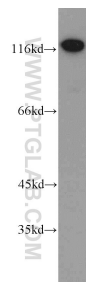
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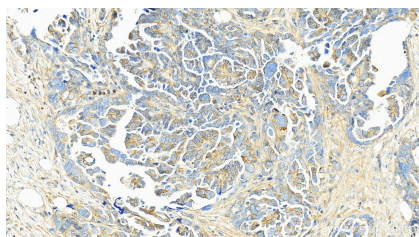
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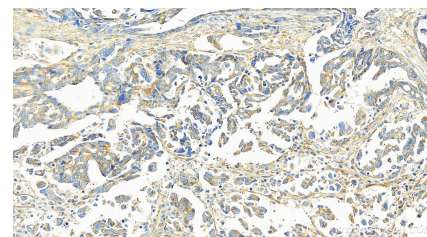
## Selected Validation Data



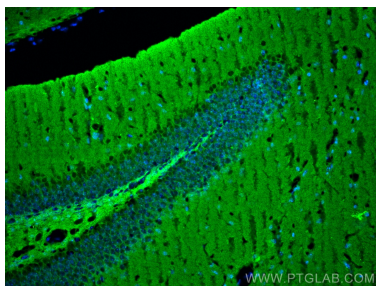
K-562 cells were subjected to SDS PAGE followed by western blot with 10791-1-AP (Alpha adducin antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 10791-1-AP (Alpha Adducin antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 10791-1-AP (Alpha Adducin antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Alpha Adducin antibody (10791-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).