

For Research Use Only

# CAPZA2 Polyclonal antibody

Catalog Number: 15948-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

15948-1-AP

### Size:

400 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8544

### GenBank Accession Number:

BC005338

### GeneID (NCBI):

830

### UNIPROT ID:

P47755

### Full Name:

capping protein (actin filament)  
muscle Z-line, alpha 2

### Calculated MW:

286 aa, 33 kDa

### Observed MW:

33-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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: mouse brain tissue, HepG2 cells, MCF-7 cells,  
mouse heart tissue, mouse liver tissue, mouse ovary  
tissue, mouse skeletal muscle tissue

IP: mouse heart tissue,

IHC: human colon cancer tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mi Jeong Kwon	29190909	Oncotarget	WB
J Aaron Crapster	32163033	Elife	WB
João D Santos	32573649	Biochem J	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:

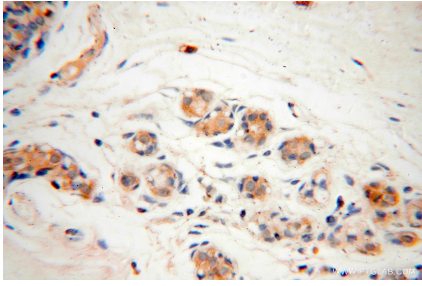
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

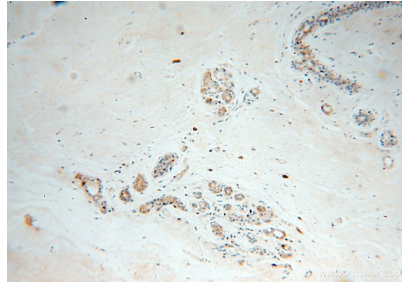
W: [ptgcn.com](http://ptgcn.com)

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

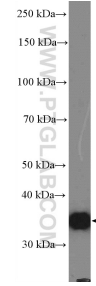
## Selected Validation Data



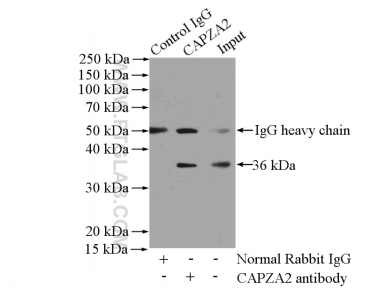
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15948-1-AP (CAPZA2 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15948-1-AP (CAPZA2 antibody) at dilution of 1:50 (under 10x lens).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15948-1-AP (CAPZA2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-CAPZA2 (IP:15948-1-AP, 4ug; Detection:15948-1-AP 1:800) with mouse heart tissue lysate 4000ug.