

For Research Use Only

# CAPZA2 Polyclonal ANTIBODY



Catalog Number: 15948-1-AP

Featured Product

2 Publications

## Basic Information

**Catalog Number:**

15948-1-AP

**Size:**

150UL, Concentration: 233 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8544

**GenBank Accession Number:**

BC005338

**GeneID (NCBI):**

830

**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 IP and 1:500-1:1000 for WB

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

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

## 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

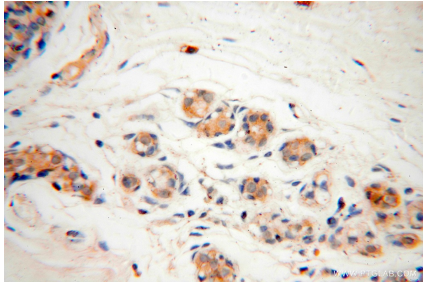
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

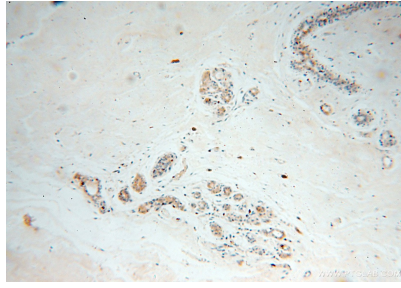
E: proteintech@ptglab.com  
W: ptglab.com

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

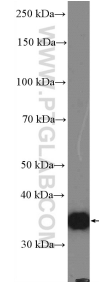
## Selected Validation Data



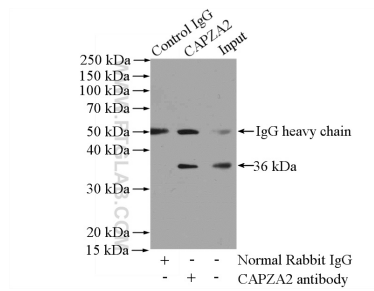
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15948-1-AP (CAPZA2 antibody) at dilution of 1:50 (under 40x lens).



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.