

For Research Use Only

CAPZA2 Polyclonal antibody

Catalog Number: 15948-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

15948-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, 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,

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

*** 20ul sizes contain 0.1% BSA

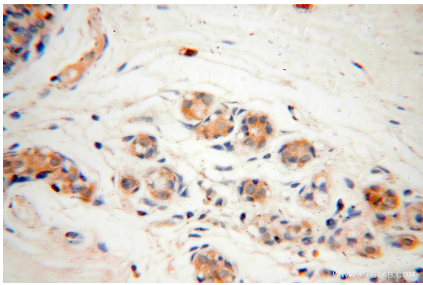
For technical support and original validation data for this product please contact:

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

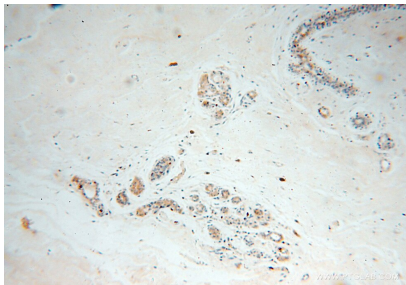
E: proteintech@ptglab.com
W: ptglab.com

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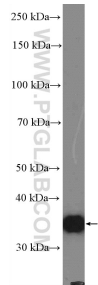
Selected Validation Data



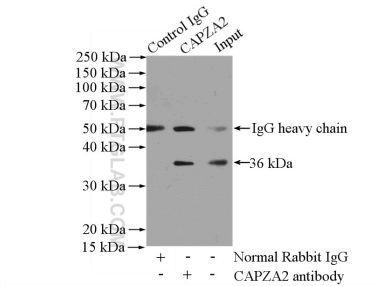
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15948-1-AP (CAPZA2 antibody) at dilution of 1:50 (under 40x lens).



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.