

For Research Use Only

# CAPZB Polyclonal antibody

Catalog Number: 25043-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

25043-1-AP

**Size:**

150ul, Concentration: 600 µg/ml by Nanodrop and 513 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19327

**GenBank Accession Number:**

BC109241

**GeneID (NCBI):**

832

**UNIPROT ID:**

P47756

**Full Name:**

capping protein (actin filament) muscle Z-line, beta

**Calculated MW:**

277 aa, 31 kDa

**Observed MW:**

30-31 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IF 1:10-1:100

## Applications

**Tested Applications:**

IF, WB, ELISA

**Cited Applications:**

CoIP, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

**WB:** A431 cells, mouse testis tissue, HEK-293 cells, HeLa cells, Jurkat cells, NIH/3T3 cells, mouse heart tissue, rat heart tissue, mouse skeletal muscle tissue

**IF:** A431 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Dawei Wang	34796874	Elife	WB,IP
Xiao-Zhen Zhang	35616329	Development	WB
Xiao-Zhen Zhang	35793634	Cell Rep	CoIP

## 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

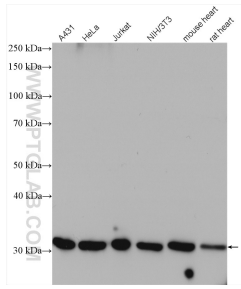
For technical support and original validation data for this product please contact:

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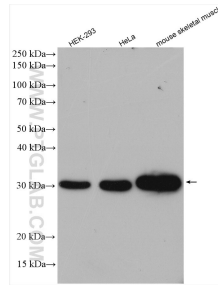
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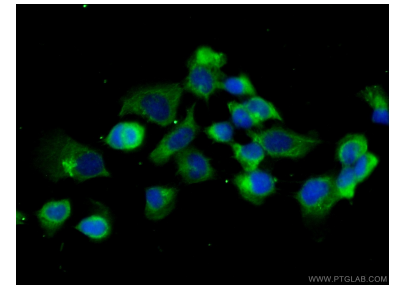
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25043-1-AP (CAPZB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 25043-1-AP (CAPZB antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).