

## Calponin Rabbit monoclonal antibody

Catalog: BS40076

Host: Rabbit

Reactivity: Human Mouse Rat Dog Pig

### BackGround:

Calponin regulates smooth muscle cell contraction and is a marker of smooth muscle cell differentiation. Calponin, an Actin- and Tropomyosin-binding protein, is characterized as an inhibitory factor of smooth-muscle actomyosin activity. Calponin is implicated in the regulation of smooth muscle contraction through its interaction with F-Actin and inhibition of the Actin-activated MgATPase activity of phosphorylated Myosin.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 33 kDa

### Swiss-Prot:

P51911

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

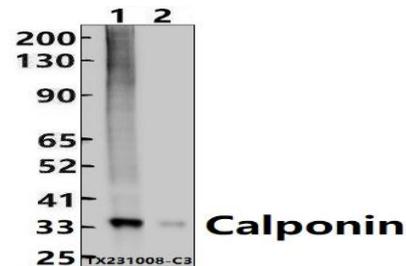
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Calponin Antibody detects endogenous levels of total Calponin

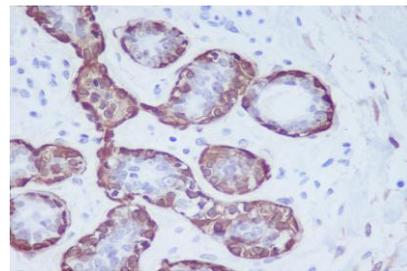
### DATA:



Western blot (WB) analysis of Calponin Rabbit monoclonal antibody at 1:500 dilution

Lane1:The stomach tissue lysate of Mouse(30ug)

Lane2:K562 whole cell lysate(30ug)



Immunohistochemical analysis of paraffin-embedded human breast, using Calponin Antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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