

Calponin Rabbit mAb

Catalog No: #58644

Package Size: #58644-1 50ul #58644-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

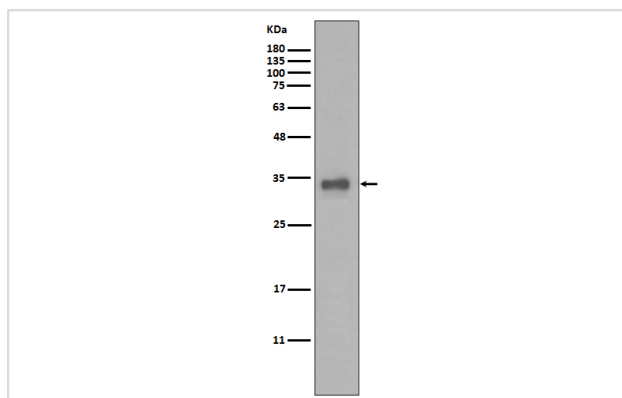
Description

Product Name	Calponin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat Dog Pig
Specificity	Calponin Antibody detects endogenous levels of total Calponin
Immunogen Description	A synthesized peptide derived from human Calponin
Other Names	Calponin-1; Basic calponin; Calponin H1, smooth muscle; CNN1
Accession No.	Uniprot:P51911
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

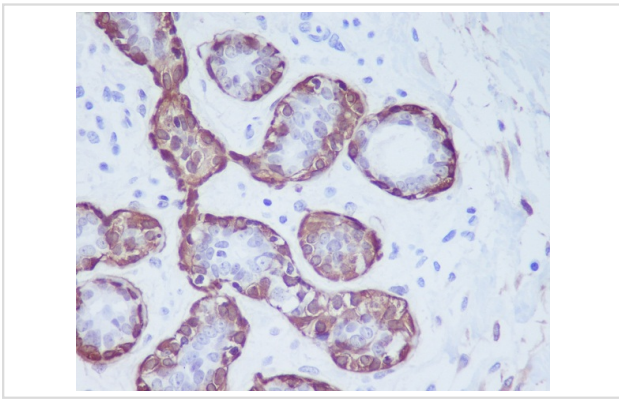
Application Details

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

Images



Western blot analysis of Calponin expression in Mouse stomach lysate.



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

Product Description

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.

Background

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Note: This product is for in vitro research use only