

Calponin Rabbit mAb

Catalog No.: A3734

Recombinant

5 Publications

Basic Information

Observed MW

35kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0232

Background

Predicted to enable actin binding activity. Involved in negative regulation of vascular associated smooth muscle cell proliferation. Located in cytoskeleton.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:100- 1:500
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1264

Swiss Prot

P51911

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 198-297 of human Calponin (P51911).

Synonyms

SMCC; Sm-Calp; HEL-S-14; Calponin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

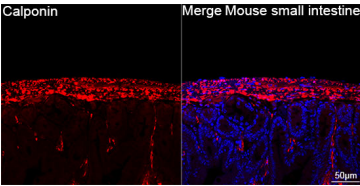
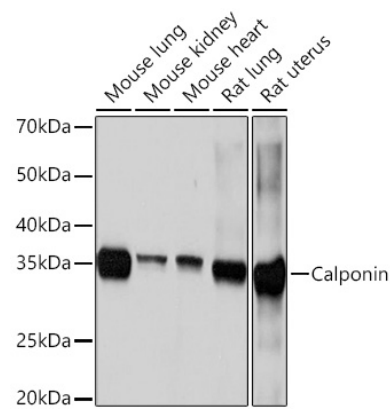
Affinity purification

Storage

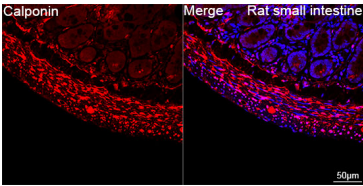
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

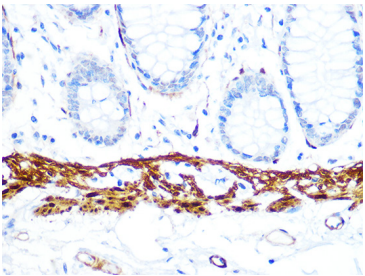
Validation Data



Confocal imaging of paraffin-embedded Mouse small intestine tissue using Calponin Rabbit mAb (A3734,dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat small intestine tissue using Calponin Rabbit mAb (A3734, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffin-embedded human colon using Calponin Rabbit mAb (A3734) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.