

# Calponin Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80056

## Product Information

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Application	IHC
Primary Accession	<a href="#">P51911</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	356A9E1
Calculated MW	33170

## Additional Information

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Gene ID	1264
Gene Name	CNN1
Other Names	Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1
Dilution	IHC~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	Calponin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

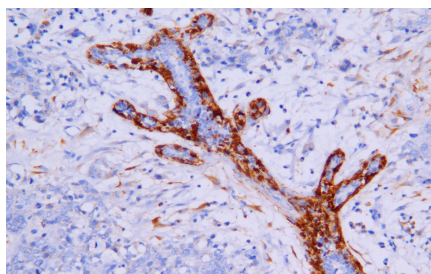
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Name	CNN1
Function	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).
Tissue Location	Smooth muscle, and tissues containing significant amounts of smooth muscle

## Images

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Immunohistochemical analysis of paraffin-embedded human normal breast tissue using AD80056 performed on the Abcarta® FAIP-48 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room



temperature. AmpSee™ Detection Systems(Abcepta:ADR005) was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.