10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Calponin Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AD80056

Product Information

Application	IHC
Primary Accession	P51911
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	356A9E1
Calculated MW	33170

Additional Information

Gene ID	1264
Gene Name	CNN1
Other Names	Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1
Dilution	IHC~~1:100~500
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

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

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