

Calponin
Mouse Monoclonal Antibody (Mab)
Catalog # APA056**Specification**

Calponin - Product Information

Application	IHC
Primary Accession	P51911
Host	Mouse
Clonality	Monoclonal
Calculated MW	33170 Da

Calponin - 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 for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.****Precautions****Calponin is for research use only and not for use in diagnostic or therapeutic procedures.****Calponin - 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). Smooth muscle, and tissues containing significant amounts of smooth muscle****Tissue Location****Calponin - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Calponin - Images