

CNN1 / Calponin Antibody (clone 2F5-1H4)
Mouse Monoclonal Antibody
Catalog # ALS13293**Specification**

CNN1 / Calponin Antibody (clone 2F5-1H4) - Product Information

Application	IHC
Primary Accession	P51911
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	33kDa KDa

CNN1 / Calponin Antibody (clone 2F5-1H4) - Additional Information**Gene ID** 1264**Other Names**

Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

CNN1 / Calponin Antibody (clone 2F5-1H4) is for research use only and not for use in diagnostic or therapeutic procedures.

CNN1 / Calponin Antibody (clone 2F5-1H4) - 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

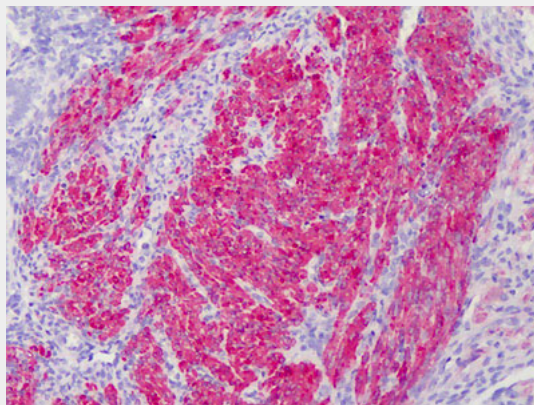
CNN1 / Calponin Antibody (clone 2F5-1H4) - Protocols

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](#)

CNN1 / Calponin Antibody (clone 2F5-1H4) - Images



Anti-CNN1 / Calponin antibody IHC of human myometrium.

CNN1 / Calponin Antibody (clone 2F5-1H4) - Background

Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).

CNN1 / Calponin Antibody (clone 2F5-1H4) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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