

Calponin 2 Polyclonal Antibody
Catalog # AP68802**Specification**

Calponin 2 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	Q99439
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Calponin 2 Polyclonal Antibody - Additional Information**Gene ID** 1265**Other Names**

CNN2; Calponin-2; Calponin H2; smooth muscle; Neutral calponin

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Calponin 2 Polyclonal Antibody - Protein Information**Name** CNN2**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.

Tissue Location

Heart and smooth muscle.

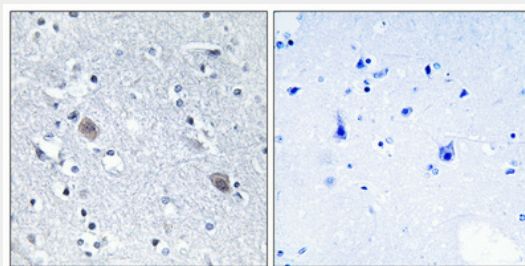
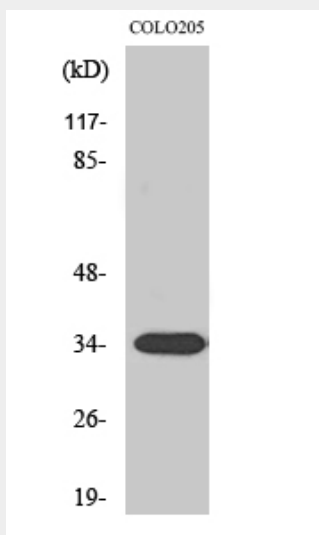
Calponin 2 Polyclonal Antibody - Protocols

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 2 Polyclonal Antibody - Images



Calponin 2 Polyclonal Antibody - 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.