

CNN2 Antibody
Goat Polyclonal Antibody
Catalog # ALS14587**Specification**

CNN2 Antibody - Product Information

Application	WB
Primary Accession	Q99439
Reactivity	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	34kDa KDa

CNN2 Antibody - Additional Information**Gene ID** 1265**Other Names**

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

Target/Specificity

Human CNN2. This antibody is expected to recognize both reported isoforms (NP_004359.1; NP_958434.1), but it is not expected to cross-react with CCN3.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CNN2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CNN2 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

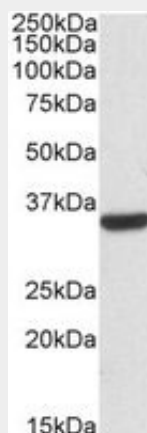
Heart and smooth muscle.

CNN2 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](#)

CNN2 Antibody - Images



CNN2 antibody (0.03 ug/ml) staining of HepG2 lysates (35 ug protein/ml in RIPA buffer) with (B)...

CNN2 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.

CNN2 Antibody - References

- Masuda H.,et al.J. Biochem. 120:415-424(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Kuromitsu J.,et al.Mol. Cell. Biol. 17:707-712(1997).