

## Anti-Calponin-2 CNN2 Antibody

Catalog Number: A08680

### About CNN2

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.

Masuda H., J. Biochem. 120:415-424(1996).

Kuromitsu J., Mol. Cell. Biol. 17:707-712(1997).

Gevaert K., Nat. Biotechnol. 21:566-569(2003).

### Overview

Product Name	Anti-Calponin-2 CNN2 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Calponin-2 CNN2 Antibody (Catalog # A08680). Tested in WB, IF applications. This antibody reacts with Human, Mouse.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99439

### Technical Details

Immunogen	Synthesized peptide derived from internal of human CNN2.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

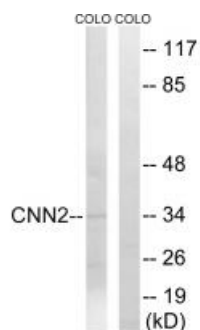
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

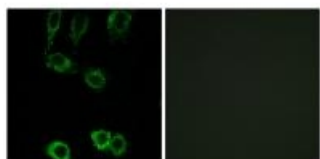
Western blotting: 1:500~1:3000

Immunofluorescence: 1:100~1:500

## Anti-Calponin-2 CNN2 Antibody (A08680) Images



Western blot analysis of extracts from HUVEC cells, using CNN2 antibody A08680.



Immunofluorescence analysis of A549 cells, using CNN2 antibody A08680.

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