

**ARG40224**  
anti-Calponin 1 antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Calponin 1
Tested Reactivity	Hu, Ms, Rat, Dog, Pig
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Calponin 1
Species	Human
Immunogen	Synthetic peptide derived from Human Calponin 1.
Conjugation	Un-conjugated
Alternate Names	Calponin H1, smooth muscle; Sm-Calp; HEL-S-14; SMCC; Calponin-1; Basic calponin

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse stomach	
Observed Size	~ 34 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

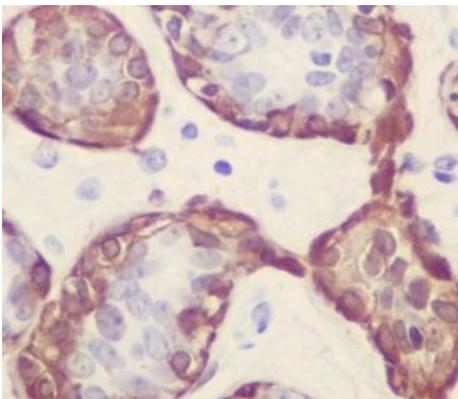
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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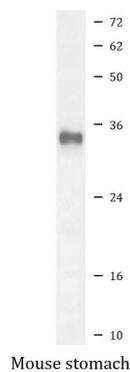
Gene Symbol	CNN1
Gene Full Name	calponin 1, basic, smooth muscle
Function	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity). [UniProt]
Calculated Mw	33 kDa

## Images



ARG40224 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast stained with ARG40224 anti-Calponin 1 antibody.



ARG40224 anti-Calponin 1 antibody WB image

Western blot: Mouse stomach lysate stained with ARG40224 anti-Calponin 1 antibody.