

ARG40224 anti-Calponin 1 antibody

Package: 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.

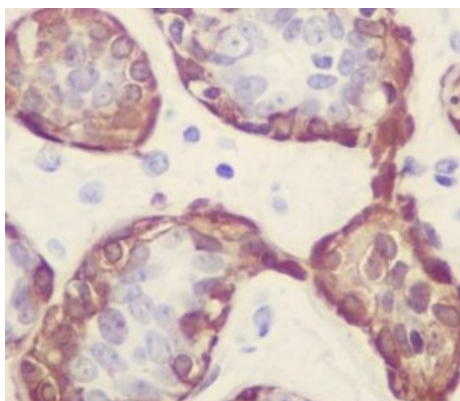
Note

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

Bioinformation

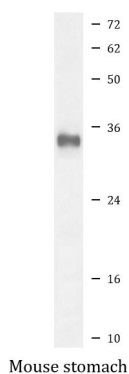
Gene Symbol	CNN1
Gene Full Name	calponin 1, basic, smooth muscle
Function	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin 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.