

## ARG66754 anti-Calponin 1 antibody [SQab20187]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab20187] recognizes Calponin 1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab20187
Isotype	IgG
Target Name	Calponin 1
Species	Human
Immunogen	Synthetic peptide around the C-terminus of 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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:100 - 1:200</td></tr></tbody></table>	Application	Dilution	IHC-P	1:100 - 1:200
Application	Dilution				
IHC-P	1:100 - 1:200				
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	Liomyoma tissue.				

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
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.

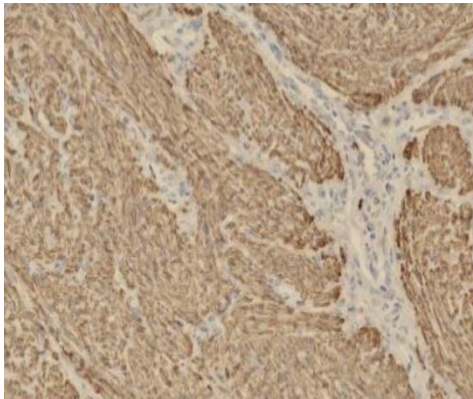
## Bioinformation

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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

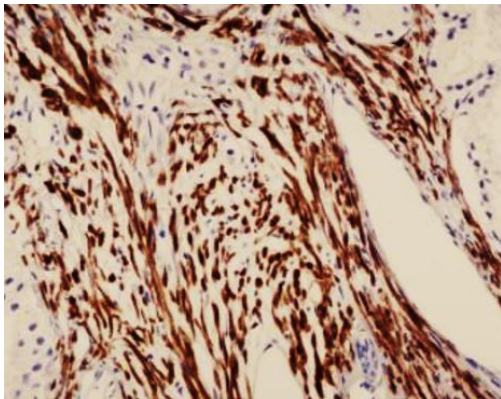
## Images

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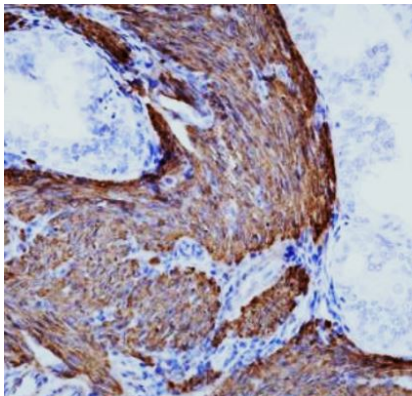
ARG66754 anti-Calponin 1 antibody [SQab20187] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human leiomyoma tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with ARG66754 anti-Calponin 1 antibody [SQab20187] at 18°C - 25°C for 30 minutes.



ARG66754 anti-Calponin 1 antibody [SQab20187] IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate cancer tissue stained with ARG66754 anti-Calponin 1 antibody [SQab20187].



ARG66754 anti-Calponin 1 antibody [SQab20187] IHC-P image

Immunohistochemistry: Paraffin-embedded Human endometrial cancer tissue stained with ARG66754 anti-Calponin 1 antibody [SQab20187].