

ARG66482 anti-Calponin 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Calponin 1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
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
	IHC-P	1:100 - 1:500
Application Note	IHC-P: Antigen Retrieval: Citric acid buffer (pH 6.0) was used. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

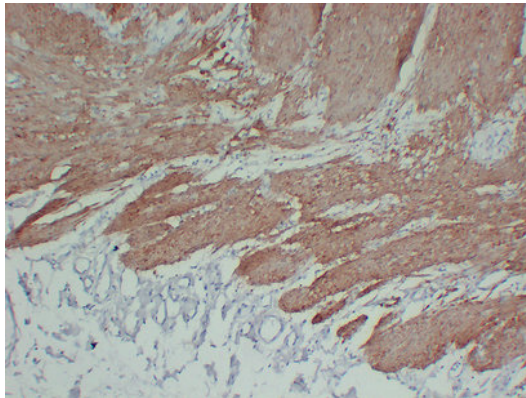
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
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

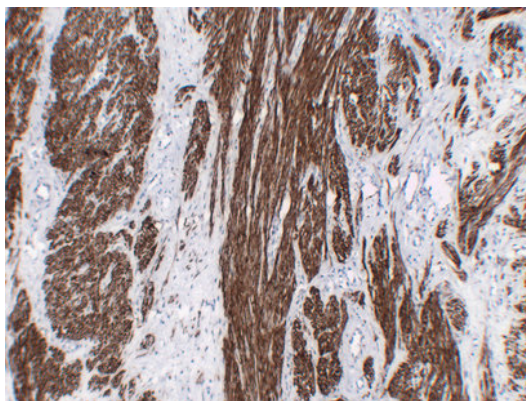
Gene Symbol	CNN1
Gene Full Name	calponin 1, basic, smooth muscle
Function	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin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

Images



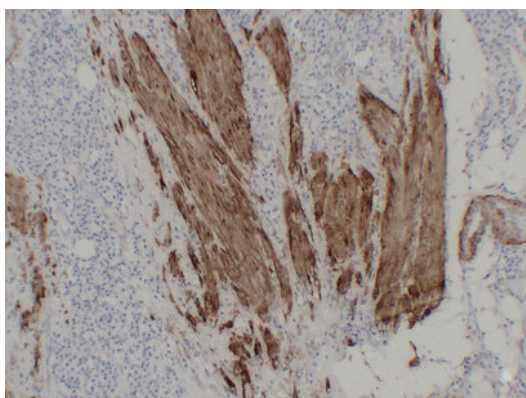
ARG66482 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG66482 anti-Calponin 1 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



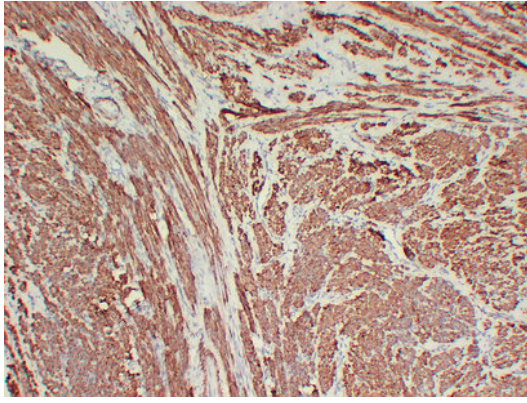
ARG66482 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human fibroid stained with ARG66482 anti-Calponin 1 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



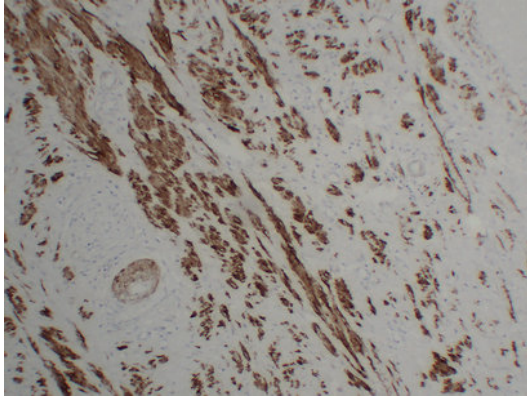
ARG66482 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human laryngeal squamous cell carcinoma stained with ARG66482 anti-Calponin 1 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



ARG66482 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human leiomyoma stained with ARG66482 anti-Calponin 1 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.



ARG66482 anti-Calponin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human squamous carcinoma of the cervix stained with ARG66482 anti-Calponin 1 antibody at 1:200 (4°C, overnight). Antigen Retrieval: Citric acid buffer (pH 6.0) was used.