



Calponin-1 Rabbit mAb

Catalog No	YP-rAb-17596
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	CNN1
Protein Name	Calponin-1
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	Calponin-1;Calponin-1 ; Basic calponin ; Calponin H1, smooth muscle ;CNN1
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Cytoplasm
Tissue Specificity	Smooth muscle, and tissues containing significant amounts of 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.,similarity:Belongs to the calponin family.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 3 calponin-like repeats.,subunit:Part of cGMP kinase signaling complex at least composed of ACTA2/alpha-actin, CNN1/calponin H1, PLN/phospholamban, PRKG1 and ITPR1.,tissue specificity:Smooth muscle, and tissues containing significant amounts of smooth muscle.,

Background

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热销产品:

蛋白、一抗、抗体对、ELISA试剂盒、生化试剂盒
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ELISA检测及定制服务|生化检测|PCR、QPCR检测|WB检测
ICO-IP检测|切片|染色|免疫组化|免疫荧光|透射电镜全套
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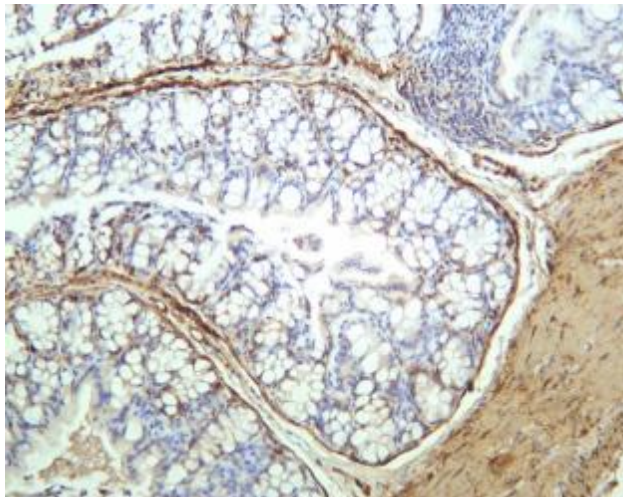


matters needing attention

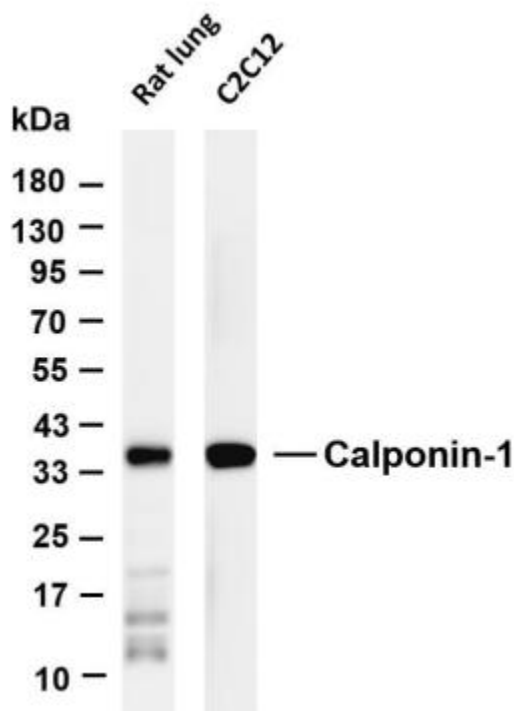
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Mouse colon was stained with anti-Calponin-1 rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Calponin-1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat lung Lane 2: C2C12 Predicted band size: 33kDa Observed band size: 33kDa

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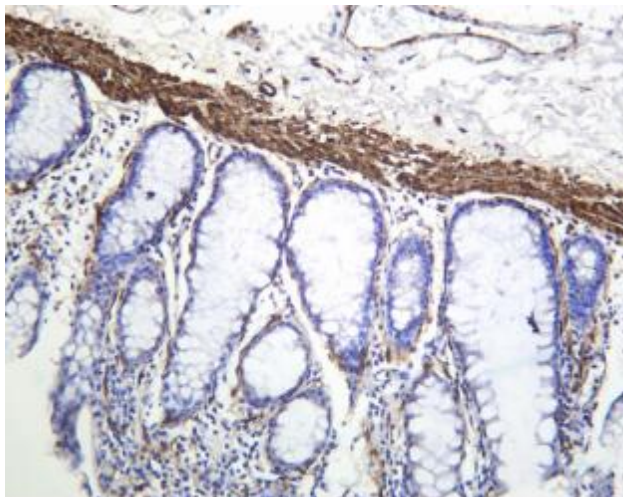
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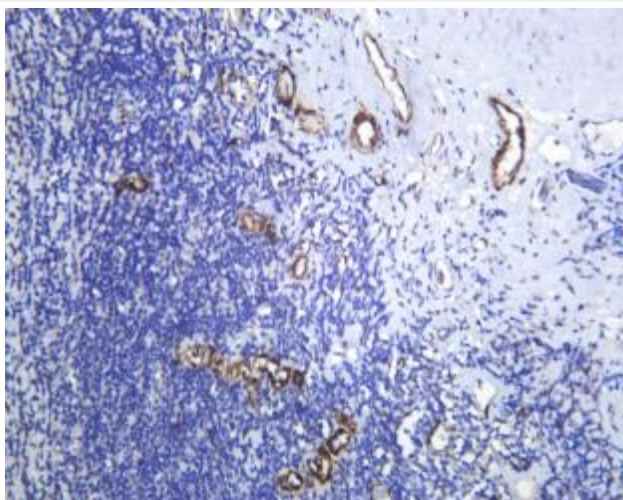
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Human colon was stained with anti-Calponin-1 Rabbit antibody



Human tonsil was stained with anti-Calponin-1 Rabbit antibody

