



CNN1 mouse mAb

Catalog No	YP-mAb-15713
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB; ELISA
Gene Name	CNN1
Immunogen	Synthesized peptide derived from human CNN1
Specificity	This antibody detects endogenous levels of Human CNN1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNN1;Basic calponin;Calponin 1;Calponin-1;CNN 1;Calponin-1 (Basic calponin; Calponin H1;smooth muscle); smooth muscle)
Observed Band	35 kDa
Calculated Molecular Weight	33 kDa
Cell Pathway	
Tissue Specificity	Smooth muscle, and tissues containing significant amounts of smooth muscle.
Function	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	

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.

Products Images