

CNN1 rabbit pAb

Catalog No :	YT7800
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	Calponin-1
Gene Name :	CNN1
Protein Name :	CNN1
Human Gene Id :	1264
Human Swiss Prot No :	P51911
Mouse Gene Id :	12797
Mouse Swiss Prot No :	Q08091
Rat Gene Id :	65204
Rat Swiss Prot No :	Q08290
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 33kD**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.,**Expression :** Smooth muscle, and tissues containing significant amounts of smooth muscle.

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