

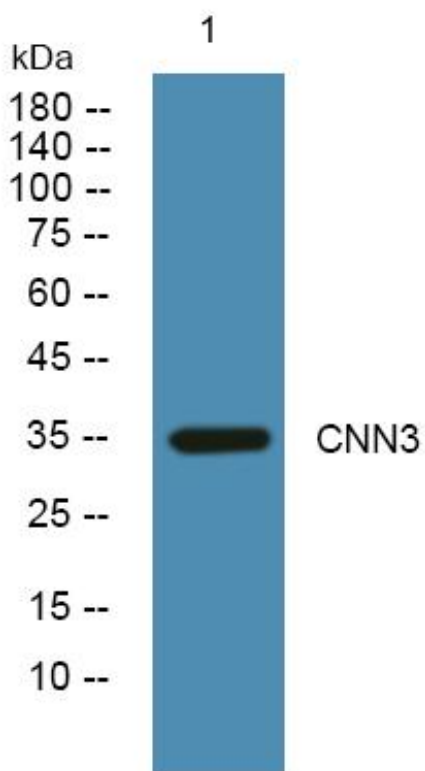


# CNN3 Monoclonal Antibody

Catalog No	YP-mAb-05415
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CNN3
Protein Name	Calponin-3 (Calponin, acidic isoform)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CNN3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	36kD
Cell Pathway	cytoplasm,cell-cell adherens junction,focal adhesion,postsynaptic density,actin cytoskeleton,neuronal cell body,dendritic spine,
Tissue Specificity	Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.
Function	function:Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is caMABLE 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.,tissue specificity:Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.,
Background	This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction. [provided by RefSeq, Jul 2008],
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**

Western Blot analysis of various cells using CNN3 Monoclonal Antibody