

Anti-Calponin 1 Rabbit pAb



WL05736

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Calponin 1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC, IF	1:500
Cellular localization	cytoskeleton	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Calmodulin is a family of actin filament related proteins involved in regulating smooth muscle cell contraction. It can bind to actin, calmodulin, troponin C, and tropomyosin. The interaction between calmodulin and actin inhibits the activity of myosin Mg ATPase. Participate in the negative regulation of vascular smooth muscle cell proliferation.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Calponin 1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

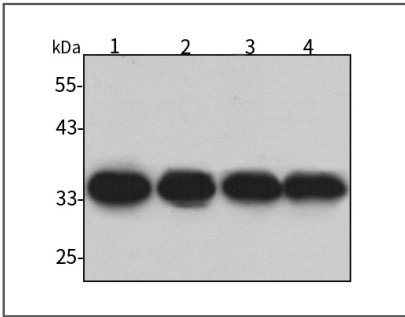
Anti-Calponin 1 Rabbit pAb



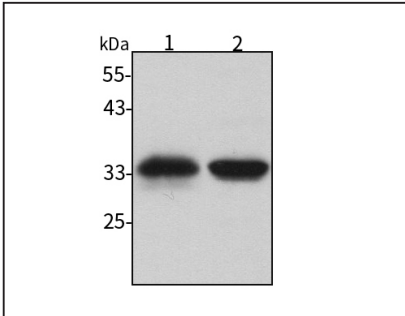
WL05736

For Research Use Only. Not For Use In Diagnostic Procedures

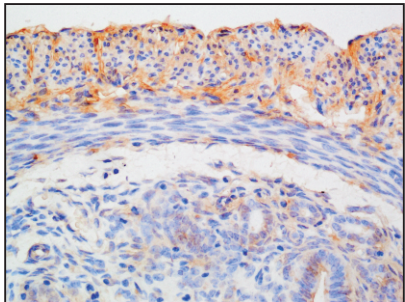
Product Images



Western blot-Anti-Calponin 1 pAb
Lane 1: Human Hela cell lasate
Lane 2: Human HCT116 cell lasate
Lane 3: Human A549 cell lasate
Lane 4: Human HUVEC cell lasate
All lanes: Anti-Calponin 1 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane
Predicted band size: 33 kDa
Observed band size: 33 kDa



Western blot-Anti-Calponin 1 pAb
Lane 1: Mouse bladder tissue lysate
Lane 2: Rat bladder tissue lysate
All lanes: Anti-Calponin 1 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane
Predicted band size: 33 kDa
Observed band size: 33 kDa



Immunohistochemistry-Anti-Calponin 1 pAb
Immunohistochemical analysis of paraffin-embedded mouse uterus using anti-Calponin 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

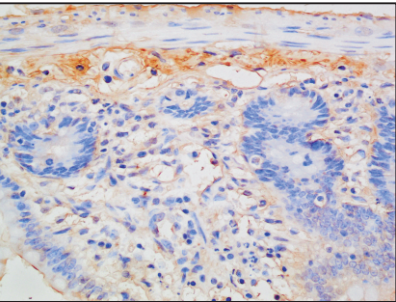
Anti-Calponin 1 Rabbit pAb



WL05736

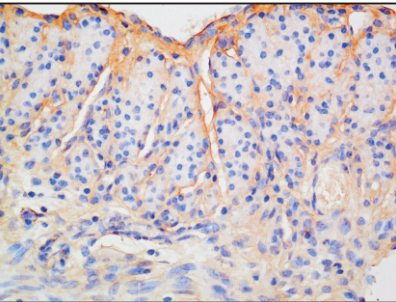
For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



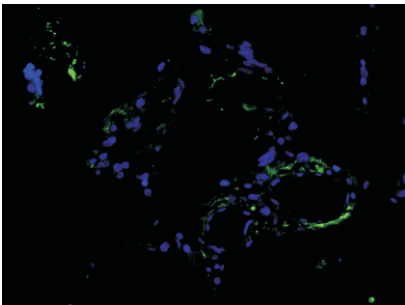
Immunohistochemistry-Anti-Calponin 1 pAb

Immunohistochemical analysis of paraffin-embedded rat small intestine using anti-Calponin 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-Calponin 1 pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-Calponin 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Calponin 1 pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti-Calponin 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

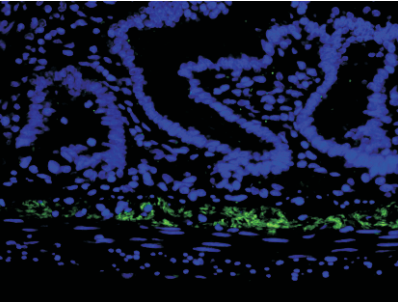
Anti-Calponin 1 Rabbit pAb



WL05736

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-Calponin 1 pAb

Immunofluorescence analysis of paraffin-embedded rat small intestine using anti-Calponin 1 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0