

## Calponin-1 (ABT-CALP) mouse mAb Ready to use

<b>Catalog No.</b>	IML0107
<b>Reactivity</b>	Human
<b>Applications</b>	IHC-p
<b>Gene Name</b>	CNN1
<b>Protein Name</b>	Calponin-1 (Basic calponin) (Calponin H1, smooth muscle)
<b>Human Gene Id</b>	1264
<b>Swiss-Prot</b>	P51911
<b>Formulation</b>	Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse IgG
<b>Dilution</b>	Ready to use for IHC-p
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration</b>	-
<b>Storage&amp;Stability</b>	4°C: 1 years
<b>Background</b>	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.
<b>Subcellular Location</b>	Cytoplasmic
<b>BiowMW</b>	-

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