

## Product Datasheet

# Recombinant Calponin Antibody / Rabbit Monoclonal (orb2642000)

<b>Catalog Number</b>	orb2642000
<b>Category</b>	Antibodies
<b>Description</b>	Calponin is a calmodulin, F-actin and tropomyosin binding protein which is thought to be involved in the regulation of smooth muscle contraction.
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	Prediluted in 1X PBS, 0.1 mg/ml rAlbumin, 0.05% sodium azide; For IHC use only
<b>Purification</b>	Protein A affinity chromatography
<b>Immunogen</b>	Recombinant human protein was used as the immunogen for the recombinant Calponin antibody.
<b>UniProt ID</b>	<b>P51911</b>
<b>Tested applications</b>	IHC-P
<b>Dilution range</b>	The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

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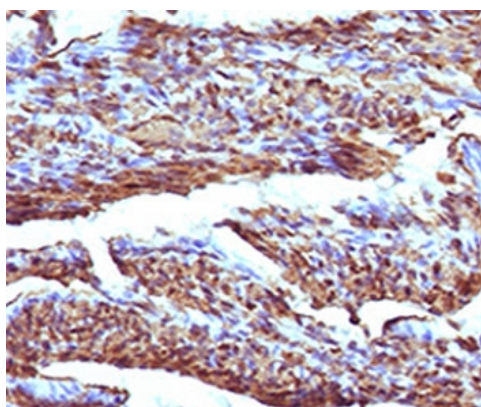
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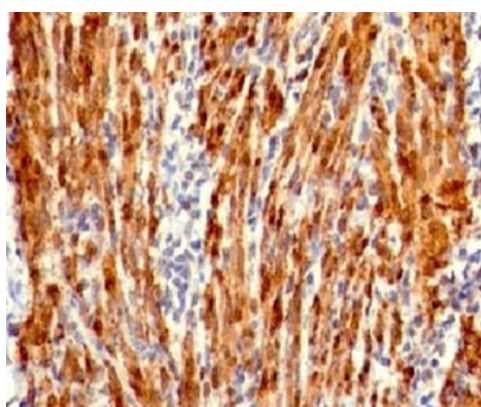
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<b>Application notes</b>	Optimal dilution of the recombinant Calponin antibody should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	RMCN1-1
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC testing of formalin-fixed, paraffin-embedded human uterus stained with recombinant Calponin antibody (clone RMCN1-1).  
HIER: steam sections in 10 mM Tris with 1 mM EDTA, pH9.0, for 10-20 min.



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