SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-CNN1 Monoclonal Antibody

Catalog Number: SLA0439M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2b,k
Clonality:	Monoclonal
Clone No.:	1D1
GeneID:	1264
SWISS:	P51911
Target:	CNN1
Immunogen:	KLH conjugated synthetic peptide derived from human Calponin-1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	33 kDa
Subcellular Location:	Cytoplasm
Background:	Predicted to enable actin binding activity. Involved in negative regulation of vascular associated smooth muscle cell proliferation. Located in cytoskeleton. [provided by Alliance of Genome Resources, Nov 2021]

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

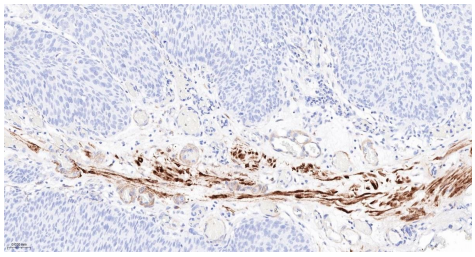


Figure 1. Paraformaldehyde-fixed, paraffin embedded Human Bladder; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

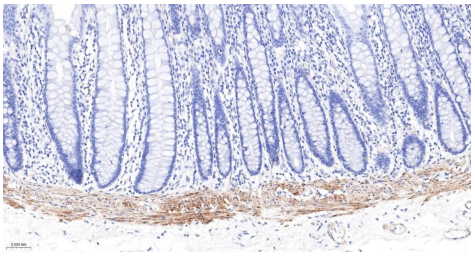


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

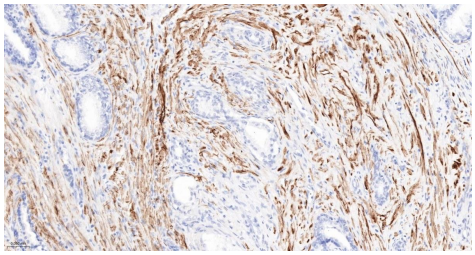


Figure 3. Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

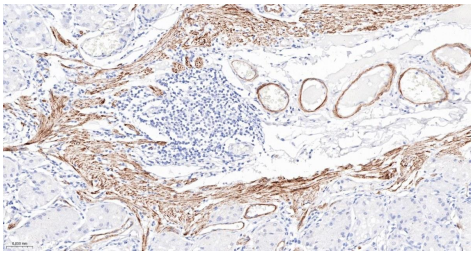


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

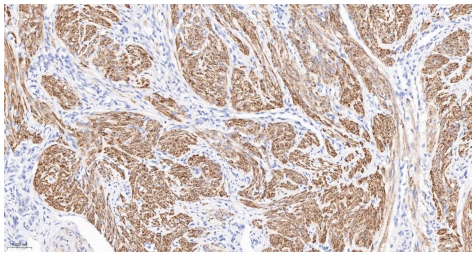


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Uterus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.

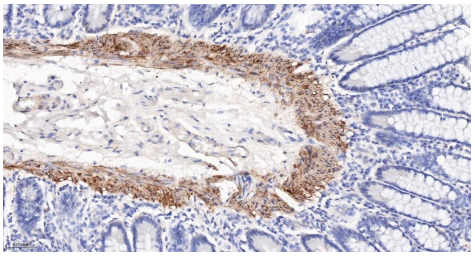


Figure 6. Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Calponin-1 Monoclonal Antibody, Unconjugated (SLA0439M) at 1:200 overnight at 4°C, followed by conjugation to the SL40296G-HRP and DAB (C-0010) staining.
FOR RESEARCH USE ONLY. Not for use in diagnostic or therapeutic procedures.

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