10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Calponin

Rabbit Monoclonal antibody(Mab)
Catalog # AD80537

## Product Information

| | |
|---|---|
| **Application** | IHC-P |
| **Primary Accession** | P51911 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Clone Names** | 534U7D2 |
| **Calculated MW** | 33170 |

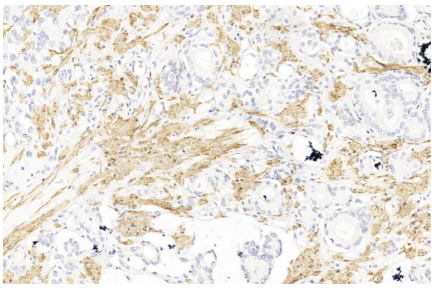
## Additional Information

| | |
|---|---|
| **Gene ID** | 1264 |
| **Other Names** | Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1 |
| **Dilution** | IHC-P~~Ready-to-use |
| **Storage** | Maintain refrigerated at 2-8°C. |

## Protein Information

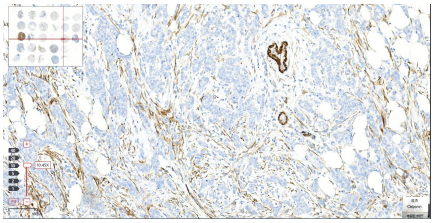
| | |
|---|---|
| **Name** | CNN1 |
| **Function** | Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity). |
| **Tissue Location** | Smooth muscle, and tissues containing significant amounts of smooth muscle |

## Images

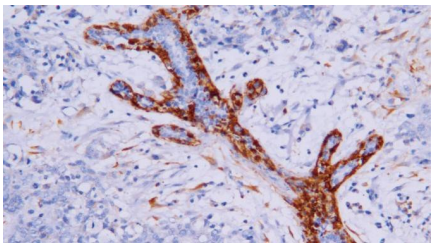


Immunohistochemical analysis of formalin-fixed and paraffin-embedded human prostatic adenocarcinoma tissue was performed with Calponin primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Immunohistochemical analysis of formalin-fixed and



paraffin-embedded human breast carcinoma tissue was performed with Calponin primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human breast tissue was performed with Calponin primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.