

## Goat Calponin 1/CNN1 Antibody | anti-CNN1 antibody

Goat anti-Calponin 1/CNN1 Antibody

|                              |                     |                                                                                           |                                                    |
|------------------------------|---------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA61849</b> | HOST<br><b>Goat</b> | REACTIVITY<br><b>Human</b> Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|------------------------------|---------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------|

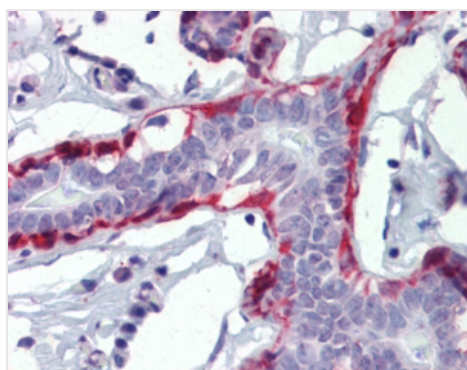
### PRODUCT SYNONYMS

Calponin 1/CNN1; Goat anti-Calponin 1/CNN1 Antibody; CNN1; calponin 1; basic; smooth muscle; SMCC; Sm-Calp; calponins; anti-CNN1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                |
| Reactivity                                     | Human<br>Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow                                                             |
| Purity/Purification                            | >95% By SDS-PAGE analysis                                                                                                           |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                     |
| Applicable Applications for anti-CNN1 antibody | IHC (Immunohistochemistry), ELISA (Peptide ELISA)                                                                                   |
| Immunogen                                      | Peptide with sequence C-KRQIFEPGLGMEH, from the internal region (near C Terminus) of the protein sequence according to NP_001290.2. |
| Epitope                                        | internal region (near C Terminus)                                                                                                   |
| Preparation and Storage                        | Store and aliquot at -20°C. Minimize freezing and thawing,                                                                          |

### IMAGES



IHC (Immunohistochemistry)

AAA61849 (3.8ug/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Yanagisawa Y, Takeoka M, Ehara T, Itano N, Miyagawa S, Taniguchi S.; Reduction of Calponin h1 expression in human colon cancer blood vessels.; European journal of surgical oncology : the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology 2008 May 34 (5): 531-7.; PMID: 17707120 |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21361120                                                                                                     |
| NCBI GeneID                      | 1264                                                                                                         |
| NCBI Accession #                 | NP_001290.2                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001299.4                                                                                                  |
| UniProt Accession #              | P51911; O00638; Q15416; Q8IY93; Q99438; B2R868; B4DUX6                                                       |
| Molecular Weight                 | 83kDa                                                                                                        |
| NCBI Official Full Name          | calponin-1                                                                                                   |
| NCBI Official Synonym Full Names | calponin 1, basic, smooth muscle                                                                             |
| NCBI Official Symbol             | CNN1                                                                                                         |
| NCBI Official Synonym Symbols    | SMCC; Sm-Calp; HEL-S-14                                                                                      |
| NCBI Protein Information         | calponin-1; basic calponin; calponin H1, smooth muscle; calponins, basic; epididymis secretory protein Li 14 |
| UniProt Protein Name             | Calponin-1                                                                                                   |
| UniProt Gene Name                | CNN1                                                                                                         |
| UniProt Entry Name               | CNN1_HUMAN                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/goat-cow-dog-human-mouse-rat-antibody/calponin-1-cnn1/61849>