

## Rabbit Calpain 1 Polyclonal Antibody | anti-CAPN1 antibody

Calpain 1 Antibody

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA225732</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

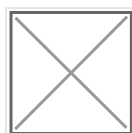
### PRODUCT SYNONYMS

Calpain 1; Polyclonal Antibody; Calpain 1 Antibody; Affinity Purified Rabbit Polyclonal Calpain 1 Antibody; Polyclonal Calpain 1 antibody; anti-Calpain 1 antibody; EC 3.4.22.52 antibody; CAPN2 antibody; Calpain 1 antibody; Calpain -1; Calpain -1 antibody; anti-CAPN1 antibody

### PRODUCT SPECIFICATIONS

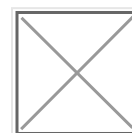
|                                                 |                                                                                                                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                         |
| Clonality                                       | Polyclonal                                                                                                                                                                                                     |
| Isotype                                         | IgG                                                                                                                                                                                                            |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                        |
| Form/Format                                     | Lyophilized Form                                                                                                                                                                                               |
| Sequence Length                                 | 704                                                                                                                                                                                                            |
| Applicable Applications for anti-CAPN1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                  |
| Immunogen                                       | Calpain 1 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence in the middle region of human Calpain-1, different from the Rabbit sequence by two amino acids, as the immunogen |
| Preparation and Storage                         | Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                        |

### IMAGES



WB (Western Blot)

Lane 1: HT1080 Cell Lysate; Lane 2: Colo320 Cell Lysate



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Lung Tissue

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CAPN1 antibody | Calpains are cytosolic, calcium-dependent, cysteine proteases that are ubiquitously expressed in mammalian and avian tissues. Type I calpain requires micromolar amounts of calcium, while type II calpain requires millimolar amounts of calcium. |
| Product Categories/Family for anti-CAPN1 antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a>                                                                                                                                                                 |

### NCBI AND UNIPROT INFORMATION

|             |                          |
|-------------|--------------------------|
| NCBI GI #   | <a href="#">47087455</a> |
| NCBI GeneID | <a href="#">406768</a>   |

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NP_998624.1</a> |
| NCBI Official Full Name          | calpain 1, large subunit    |
| NCBI Official Synonym Full Names | zgc:55262                   |
| NCBI Official Symbol             | zgc:55262                   |
| NCBI Official Synonym Symbols    | Capn1; fj67g01; wu:fj67g01  |
| NCBI Protein Information         | calpain 1, large subunit    |

**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://stage.aaabiotech.com/polyclonal/calpain-1-antibody-immunohistochemistry-western-blot-elisa/225732>