

## Rabbit Caspase 1 Polyclonal Antibody | anti-CASP-1 antibody

Caspase 1 Antibody

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA225749</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

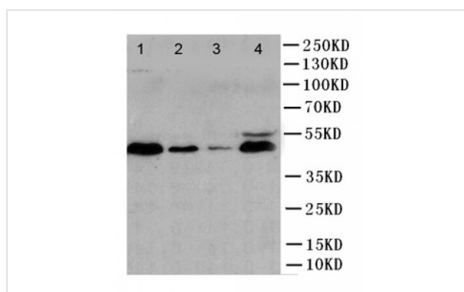
### PRODUCT SYNONYMS

Caspase 1; Polyclonal Antibody; Caspase 1 Antibody; Affinity Purified Rabbit Polyclonal Caspase 1 Antibody; Polyclonal Caspase 1 antibody; Anti-Caspase 1 antibody; Caspase-1 antibody; Caspase -1; Caspase -1 antibody; Caspase 1 antibody; Cysteine-Aspartic Acid Protease antibody; anti-CASP-1 antibody

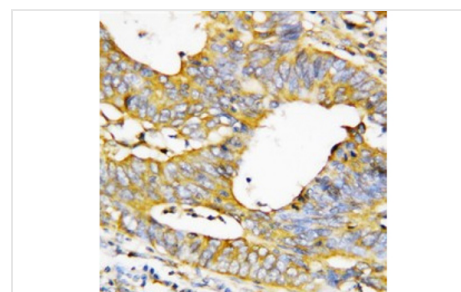
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                                                               |
| Isotype                                          | IgG                                                                                                                                                      |
| Purity/Purification                              | Affinity Chromatography                                                                                                                                  |
| Form/Format                                      | Lyophilized Form                                                                                                                                         |
| Sequence Length                                  | 402                                                                                                                                                      |
| Applicable Applications for anti-CASP-1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                            |
| Immunogen                                        | Caspase 1 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human Caspase 1(p20) 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: Jurkat Cell Lysate; Lane 2: Raji Cell Lysate; Lane 3: CEM Cell Lysate; Lane 4: PC-12 Cell Lysate


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded section of Human Mammary Cancer Tissue

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CASP-1 antibody

Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase 1 (ICE, interleukin 1 converting enzyme) is the mammalian caspase responsible for the proteolytic conversion of the proforms of interleukin 1 and IL 18 into active cytokines. Like other caspases, Caspase 1 itself is synthesized as a pro enzyme that is cleaved during activation into a large (20 kDa) and small (10 kDa) subunits. The cellular role of Caspase 1 appears limited to cytokine activation as they do not have obvious roles in apoptosis.

## NCBI AND UNIPROT INFORMATION

|                                  |             |
|----------------------------------|-------------|
| NCBI GI #                        | 31542341    |
| NCBI GeneID                      | 25166       |
| NCBI GenBank Nucleotide #        | NP_036894.2 |
| NCBI Official Full Name          | caspase-1   |
| NCBI Official Synonym Full Names | caspase 1   |
| NCBI Official Symbol             | Casp1       |
| NCBI Official Synonym Symbols    | Ice; Il1bc  |
| NCBI Protein Information         | caspase-1   |

**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/caspase-1-antibody-immunohistochemistry-western-blot-elisa/225749>