

## Caspase 3 Antibody | anti-CASP-3 antibody

Caspase 3 (Ab-150) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267518</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

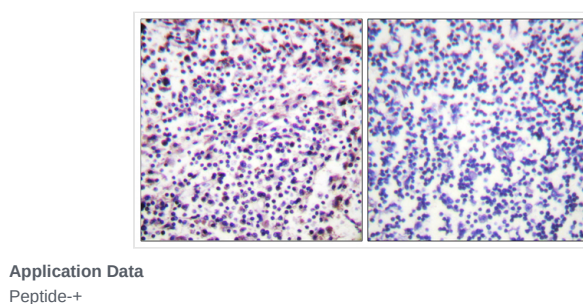
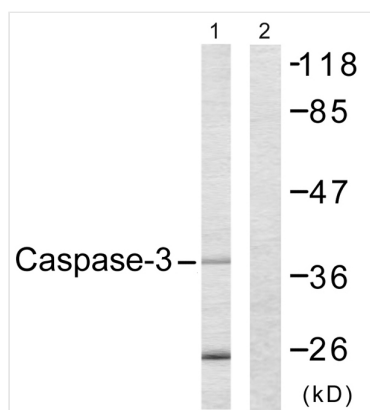
### PRODUCT SYNONYMS

Caspase 3; Caspase 3 (Ab-150) Antibody; Apopain precursor; CPP-32; CPP32; Caspase-3; Cysteine protease CPP32; EC 3.4.22.-; ICE3; SCA-1; SREBP cleavage activity 1; Yama protein; anti-CASP-3 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                            |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                          |
| Specificity                                      | Caspase 3 (Ab-150) antibody detects endogenous levels of total Caspase 3 protein.                                                                          |
| Purity/Purification                              | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| Form/Format                                      | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                             |
| Sequence Length                                  | 277                                                                                                                                                        |
| Applicable Applications for anti-CASP-3 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                       |
| Immunogen                                        | The antiserum was produced against synthesized non-phosphopeptide derived from human Caspase 3 around the phosphorylation site of serine 150 (C-R-SP-L-T). |
| Preparation and Storage                          | Store at -20 degree C for 1 year.                                                                                                                          |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using Caspase 3 (Ab-150) antibody. Western blot analysis of extracts from NIH/3T3 cells, treated with Etoposide (25uM, 24hours), using Caspase 3 (Ab-150) antibody.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Daniela Sciaky, J. Immunol., Apr 2000; 164: 3806. Randolph Hutter, Circulation, Apr 2004; 109: 2001-2008. Andreas Hartmann, PNAS, Mar 2000; 97: 2875. Keith F. Izban, Am. J. Pathol., May 1999; 154: 1439. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 14790119                               |
| NCBI GeneID                      | 836                                    |
| NCBI Accession #                 | NP_004337.2                            |
| NCBI GenBank Nucleotide #        | NM_004346.3                            |
| UniProt Accession #              | P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53 |
| Molecular Weight                 | 31,608 Da                              |
| NCBI Official Full Name          | caspase-3 isoform a preproprotein      |
| NCBI Official Synonym Full Names | caspase 3                              |
| NCBI Official Symbol             | CASP3                                  |
| NCBI Official Synonym Symbols    | CPP32; SCA-1; CPP32B                   |
| NCBI Protein Information         | caspase-3                              |
| UniProt Protein Name             | Caspase-3                              |
| UniProt Gene Name                | <b>CASP3</b>                           |
| UniProt Synonym Gene Names       | CPP32; CASP-3; CPP-32; SCA-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/casp-3-human-mouse-rat-antibody/caspase-3/267518>