

Datasheet for ABIN3022545  
**anti-Caspase 6 antibody (AA 24-293)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                |
|----------------------|------------------------------------------------|
| Quantity:            | 100 µL                                         |
| Target:              | Caspase 6 (CASP6)                              |
| Binding Specificity: | AA 24-293                                      |
| Reactivity:          | Human                                          |
| Host:                | Rabbit                                         |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This Caspase 6 antibody is un-conjugated       |
| Application:         | Western Blotting (WB), Immunofluorescence (IF) |

## Product Details

|                   |                                                                                                                                                                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 24-293 of human Caspase-6 (NP_001217.2).                                                                                                                                                                                               |
| Sequence:         | AFYKREMFDP AEKYKMDHRR RGIALIFNHE RFFWHLTLPE RRGTCADRDN LTRRFSDLGF<br>EVKCFNDLKA EELLLKIHEV STVSHADADC FVCVFLSHGE GNHIYAYDAK IEIQTLTGLF<br>KGDKCHSLVG KPKIFIQAC RGNQHDVPVI PLDVVDNQTE KLDTNITEVD AASVYTL PAG<br>ADFLMCYSVA EGYYSHRETV NGSWYIQDLC EMLGKYGSSL EFTELLTLVN RKVSQRRVDF<br>CKDPSAIGKK QVPCFASMLT KKLHFFPKSN |
| Isotype:          | IgG                                                                                                                                                                                                                                                                                                                  |
| Cross-Reactivity: | Human, Mouse                                                                                                                                                                                                                                                                                                         |
| Characteristics:  | Polyclonal Antibodies                                                                                                                                                                                                                                                                                                |
| Purification:     | Affinity purification                                                                                                                                                                                                                                                                                                |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Caspase 6 (CASP6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Name: | CASP6 ( <a href="#">CASP6 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background:       | <p>This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms.,CASP6,MCH2,caspase-6,Caspase-6 p18,Caspase-6,Signal Transduction,ErbB-HER Signaling Pathway,Cell Biology &amp; Developmental Biology,Apoptosis,Caspases,Inhibition of Apoptosis,Death Receptor Signaling Pathway,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,CASP6</p> |
| Molecular Weight: | 22 kDa/33 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID:          | 839                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| UniProt:          | <a href="#">P55212</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Application Details

|                    |                                   |
|--------------------|-----------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:200 |
| Restrictions:      | For Research Use only             |

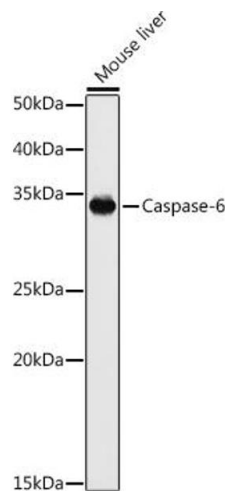
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid freeze / thaw cycles                                                                                             |
| Storage:           | -20 °C                                                                                                                 |

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using Caspase-6 antibody (ABIN3022544, ABIN3022545, ABIN3022546 and ABIN6218892) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using CASP6 antibody.

