

Datasheet for ABIN3030322  
**anti-Caspase 9 antibody (Ser196)**



[Go to Product page](#)

5 Images

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | Caspase 9 (CASP9)   |
| Binding Specificity: | Ser196  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Caspase 9 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | This Caspase-9 antibody was produced from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding S196 of human CASP9. |
| Isotype:      | Ig Fraction   |
| Purification: | Antigen affinity purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Caspase 9 (CASP9)  |
| Alternative Name: | Caspase-9 ( <a href="#">CASP9 Products</a> )   |
| Background:       | Caspase 9 is a member of the cysteine-aspartic acid protease (caspase) family. 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 |

## Target Details

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residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspase APAF1, this step is thought to be one of the earliest in the caspase activation cascade.

UniProt: [P55211](#)

Pathways: [MAPK Signaling](#), [RTK Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

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Application Notes: Titration of the Caspase-9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

## Handling

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Format: Liquid

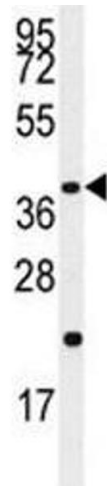
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

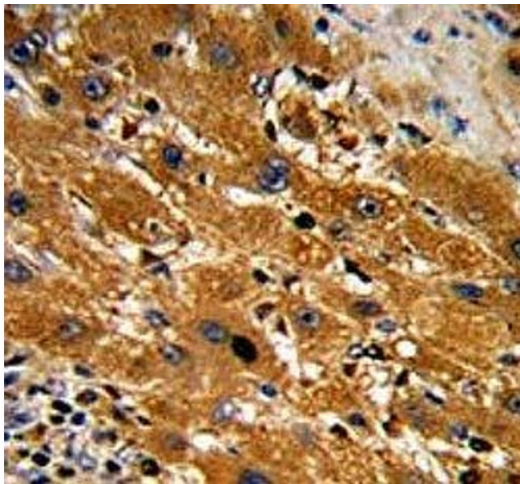
Storage: -20 °C

Storage Comment: Aliquot the Caspase-9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



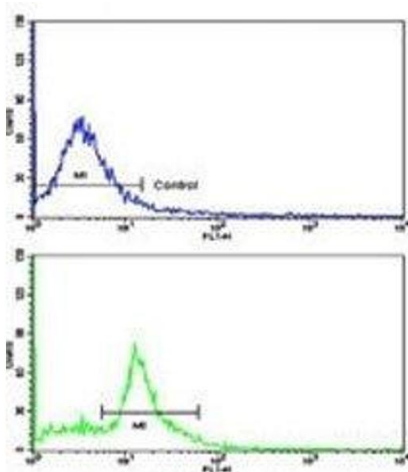
### Western Blotting

**Image 1.** Western blot analysis of Caspase-9 antibody and Jurkat lysate



### Immunohistochemistry

**Image 2.** IHC analysis of FFPE human hepatocarcinoma with Caspase-9 antibody



### Flow Cytometry

**Image 3.** Flow cytometric analysis of MDA-231 cells using Caspase-9 antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030322.