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# Datasheet for ABIN6260480 anti-Caspase 10 antibody

5 Images



## Overview

| Quantity:    | 100 µL   |
|--------------|--|
| Target:      | Caspase 10 (CASP10)  |
| Reactivity:  | Human, Mouse   |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This Caspase 10 antibody is un-conjugated  |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

| Immunogen:        | A synthesized peptide derived from human Caspase 10  |
|-------------------|--|
| Isotype:          | IgG  |
| Specificity:      | Caspase 10 antibody detects endogenous levels of total Caspase 10  |
| Cross-Reactivity: | Human, Mouse (Murine)  |
| Purification:     | The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific). |

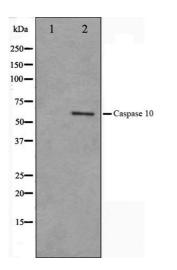
## Target Details

| Target:           | Caspase 10 (CASP10)          |
|-------------------|------------------------------|
| Alternative Name: | Caspase 10 (CASP10 Products) |

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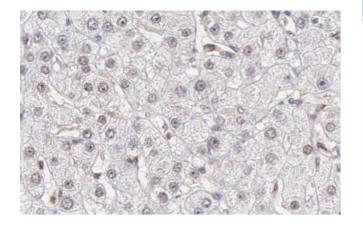
| Target Details      |  |
|---------------------|--|
| Background:         | <ul> <li>Description: Involved in the activation cascade of caspases responsible for apoptosis</li> <li>execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May</li> <li>participate in the granzyme B apoptotic pathways. Cleaves and activates caspase-3, -4, -6, -7, -8,</li> <li>and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-J-AMC and Asp-Glu-Val-Asp-J-AMC.</li> <li>Gene: CASP10</li> </ul> |
| Molecular Weight:   | 60kDa  |
| Gene ID:            | 843  |
| UniProt:            | Q92851   |
| Pathways:           | Apoptosis, Caspase Cascade in Apoptosis  |
| Application Details |  |
| Application Notes:  | WB: 1:500~1:3000 IHC: 1:50~1:200 IF/ICC: 1:100~1:500   |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Concentration:      | 1 mg/mL  |
| Buffer:             | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.  |
| 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:    | Store at -20 °C.Stable for 12 months from date of receipt  |
| Expiry Date:        | 12 months  |

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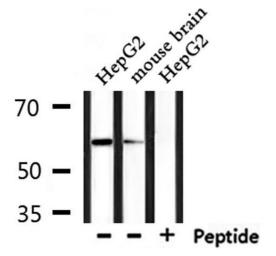
#### Western Blotting

**Image 1.** Western blot analysis on HeLa cell lysate using Caspase 10 Antibody, The lane on the left is treated with the antigen-specific peptide.



## Immunohistochemistry

**Image 2.** ABIN6266502 at 1/200 staining human liver carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### Western Blotting

**Image 3.** Western blot analysis of extracts from mouse brain and HepG2, using Caspase 10 Antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN6260480.

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