

Datasheet for ABIN2617923  
**anti-Caspase 12 antibody (AA 71-84)**



[Go to Product page](#)

## Overview

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                         |
| Target:              | Caspase 12 (CASP12)                                                                                            |
| Binding Specificity: | AA 71-84                                                                                                       |
| Reactivity:          | Human                                                                                                          |
| Host:                | Rabbit                                                                                                         |
| Clonality:           | Polyclonal                                                                                                     |
| Conjugate:           | This Caspase 12 antibody is un-conjugated                                                                      |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | A synthetic peptide corresponding to a sequence at the N-terminus of human Caspase-12(71-84aa KIFREHLWNSKKQL). |
| Isotype:                    | IgG                                                                                                            |
| Specificity:                | Detected in heart, kidney, liver, lung, pancreas, small intestine, spleen, stomach, thymus and testis. .       |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                       |
| Purification:               | Immunogen affinity purified                                                                                    |

## Target Details

|         |                     |
|---------|---------------------|
| Target: | Caspase 12 (CASP12) |
|---------|---------------------|

## Target Details

|                   |                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | CASP12 / Caspase 12 ( <a href="#">CASP12 Products</a> )                                                                                                                                                |
| Background:       | Name/Gene ID: CASP12<br>Subfamily: Cysteine C14<br>Family: Protease<br><br>Synonyms: CASP12, Caspase 12 pseudogene 1, Caspase 12, CASP-12, Caspase 12 (gene/pseudogene), Inactive caspase-12, CASP12P1 |
| Gene ID:          | 100506742                                                                                                                                                                                              |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>                           |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Reconstitution:    | Distilled water                                                                                                                                                 |
| Concentration:     | Lot specific                                                                                                                                                    |
| Buffer:            | Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.                         |
| Preservative:      | Sodium azide, Thimerosal (Merthiolate)                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.              |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles. |