

Datasheet for ABIN2617972

## anti-Caspase 4 antibody (AA 286-373) (Biotin)



[Go to Product page](#)

### Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 100 µL                                          |
| Target:              | Caspase 4 (CASP4)                               |
| Binding Specificity: | AA 286-373                                      |
| Reactivity:          | Mouse                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This Caspase 4 antibody is conjugated to Biotin |
| Application:         | Western Blotting (WB)                           |

### Product Details

|               |                                                         |
|---------------|---------------------------------------------------------|
| Immunogen:    | Recombinant CASP4 (Ala286-Asn373) expressed in E. coli. |
|               | Type of Immunogen: Recombinant protein                  |
| Isotype:      | IgG                                                     |
| Specificity:  | Mouse CASP4 / Caspase 4                                 |
| Purification: | Affinity purified                                       |

### Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | Caspase 4 (CASP4)                                    |
| Alternative Name: | CASP4 / Caspase 4 ( <a href="#">CASP4 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: CASP4                                                                                                                                                                                           |
|             | Subfamily: Cysteine C14                                                                                                                                                                                       |
|             | Family: Protease                                                                                                                                                                                              |
|             | Synonyms: CASP4, CASP-4, Casp11, Caspase 4, Caspase-4, Cysteine protease icerel-ii, ICE(rel)-II, ICE(rel)II, ICH-2, Ich-3, ICH2, Protease ICH-2, TX, Tx protease, Caspase 11, ICEREL-II, Mih1/TX, Protease TX |

|          |     |
|----------|-----|
| Gene ID: | 837 |
|----------|-----|

|           |                                                                                                                                          |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|
| Pathways: | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------|

## Application Details

|                    |                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: WB (1:100 - 1:400)                                                                                                    |
|                    | Usage: The applications listed have been tested for the unconjugated form of this product.<br>Other forms have not been tested. |
| Comment:           | Target Species of Antibody: Mouse                                                                                               |
| Restrictions:      | For Research Use only                                                                                                           |

## Handling

|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                |
| Concentration:     | Lot specific                                                                                                                                                                                          |
| Buffer:            | PBS, pH 7.4, 0.02 % sodium azide, 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:           | 4 °C,-20 °C,-80 °C                                                                                                                                                                                    |
| Storage Comment:   | Store frozen product at or below -20°C. Thawed product may be stored for 2-4 weeks at 4°C.<br>For optimal storage, aliquot to smaller portions and store at -20°C to -70°C. Avoid freeze-thaw cycles. |