

Datasheet for ABIN5693506

**anti-Caspase 1 antibody (AA 371-390)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                             |
| Target:              | Caspase 1 (CASP1)                                                                  |
| Binding Specificity: | AA 371-390                                                                         |
| Reactivity:          | Human                                                                              |
| Host:                | Mouse                                                                              |
| Clonality:           | Monoclonal                                                                         |
| Conjugate:           | This Caspase 1 antibody is un-conjugated                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                             |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| Immunogen:                  | Synthetic peptide (aa371-390) from human Caspase-1 p10.                      |
| Clone:                      | 14F468                                                                       |
| Isotype:                    | IgG1                                                                         |
| Specificity:                | Reacts with human caspase-1                                                  |
| Cross-Reactivity:           | Mouse (Murine), Rat (Rattus)                                                 |
| Cross-Reactivity (Details): | Predicted to cross-reacts with mouse and rat Caspase-1, based on NCBI BLAST. |
| Purification:               | Purified (protein G)                                                         |

## Target Details

|         |                   |
|---------|-------------------|
| Target: | Caspase 1 (CASP1) |
|---------|-------------------|

## Target Details

|                   |                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Caspase-1 ( <a href="#">CASP1 Products</a> )                                                                                                                        |
| Background:       | Activated caspase-1 is involved in many inflammatory responses and can induce apoptosis                                                                             |
| Gene ID:          | 834                                                                                                                                                                 |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Inflammasome</a> |

## Application Details

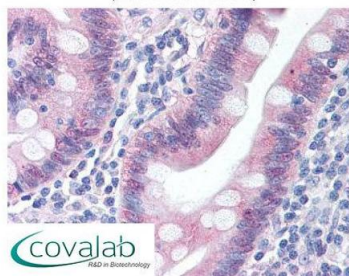
|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Working dilution: Optimal dilutions should be determined by the end user.<br>The following are guidelines only:<br>IHC - P (20 µg/mL), WB (5 - 2 µg/mL) |
| Restrictions:      | For Research Use only                                                                                                                                   |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.5 mg/mL                                                                                                              |
| Buffer:            | PBS, 0.2 % gelatin, Sodium azide 0.05 %                                                                                |
| 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                                                                                                            |
| Storage Comment:   | +4°C or -20°C, Avoid repeated freezing and thawing.                                                                    |

**IHC : Caspase 1 (aa371-390)  
(14F468) antibody**

(mab70005/#00014924)



Anti-Caspase 1 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody mab70005 concentration 20 µg/ml.

Image 1.