

Datasheet for ABIN7613594  
**anti-Caspase 4 antibody (AA 81-270)**



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## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | Caspase 4 (CASP4)                                                                                         |
| Binding Specificity: | AA 81-270                                                                                                 |
| Reactivity:          | Cow                                                                                                       |
| Host:                | Mouse                                                                                                     |
| Clonality:           | Monoclonal                                                                                                |
| Conjugate:           | This Caspase 4 antibody is un-conjugated                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                  |                                                                                                                                  |
|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Caspase 4 (CASP4) Monoclonal Antibody                                                                                            |
| Sequence:        | Lys81~Asp270                                                                                                                     |
| Clone:           | 2#                                                                                                                               |
| Isotype:         | IgG1 kappa                                                                                                                       |
| Characteristics: | The Caspase 4 (CASP4) Monoclonal Antibody (Species: Bovine) has been validated for the following applications: WB, IHC, ICC, IP. |
| Purification:    | Protein A + Protein G affinity chromatography                                                                                    |

## Target Details

|                   |                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Caspase 4 (CASP4)                                                                                                                        |
| Alternative Name: | CASP4 ( <a href="#">CASP4 Products</a> )                                                                                                 |
| Gene ID:          | 338039                                                                                                                                   |
| UniProt:          | <a href="#">Q5E9C1</a>                                                                                                                   |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Concentration:     | 1 mg/mL                                                                                                           |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol                                                   |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                       |
| Storage Comment:   | 2°C to 8°C for frequent use, -20°C for 12 months. Avoid repeated freeze/thaw cycles.                              |
| Expiry Date:       | 12 months                                                                                                         |