

Datasheet for ABIN219243

## anti-Caspase 7 antibody (Cleavage Site)



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### Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µL                                   |
| Target:              | Caspase 7 (CASP7)                        |
| Binding Specificity: | Cleavage Site                            |
| Reactivity:          | Human, Mouse, Rat                        |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This Caspase 7 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA             |

### Product Details

|               |                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide (KLH coupled) corresponding to residues surrounding the cleavage site of human caspase-7.<br><br>Type of Immunogen: Synthetic peptide                                                                              |
| Isotype:      | IgG                                                                                                                                                                                                                                  |
| Specificity:  | Recognizes endogenous levels of both full length human caspase-7 (35kD) and the large fragment of cleaved caspase-7 following cleavage at Asp198 (20kD). Does not recognize other caspases. Species cross-reactivity: Mouse and rat. |
| Purification: | Protein A purified                                                                                                                                                                                                                   |

## Target Details

|                   |                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Caspase 7 (CASP7)                                                                                                                                                                                              |
| Alternative Name: | CASP7 / Caspase 7 ( <a href="#">CASP7 Products</a> )                                                                                                                                                           |
| Background:       | Name/Gene ID: CASP7<br>Subfamily: Cysteine C14<br>Family: Protease<br><br>Synonyms: CASP7, Apoptotic protease Mch-3, Caspase 7, Caspase-7, ICE-LAP3, LICE2, MCH3, ICE-like apoptotic protease 3, CASP-7, CMH-1 |
| Gene ID:          | 840                                                                                                                                                                                                            |
| UniProt:          | <a href="#">P55210</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: | Approved: ELISA, WB (1:1000)<br><br>Usage: Suitable for use in ELISA and Western Blot. Western Blot: 1:1000. |
| Comment:           | Target Species of Antibody: Human                                                                            |
| Restrictions:      | For Research Use only                                                                                        |

## Handling

|                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                            |
| Concentration:   | Lot specific                                                                                      |
| Buffer:          | 10 mM HEPES, pH 7.5, 150 mM sodium chloride, 0.1 mg/mL BSA, 50 % glycerol. No preservative added. |
| Preservative:    | Without preservative                                                                              |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                                                  |
| Storage:         | 4 °C, -20 °C                                                                                      |
| Storage Comment: | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.                             |