

Datasheet for ABIN756914

**anti-Caspase 6 antibody (pSer257) (FITC)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | Caspase 6 (CASP6)                                                                                                                                     |
| Binding Specificity: | pSer257                                                                                                                                               |
| Reactivity:          | Mouse                                                                                                                                                 |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This Caspase 6 antibody is conjugated to FITC                                                                                                         |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS) |

## Product Details

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from human Caspase 6 around the phosphorylation site of Ser257 |
| Isotype:              | IgG                                                                                                            |
| Cross-Reactivity:     | Mouse                                                                                                          |
| Predicted Reactivity: | Human,Rat                                                                                                      |
| Purification:         | Purified by Protein A.                                                                                         |

## Target Details

|         |                   |
|---------|-------------------|
| Target: | Caspase 6 (CASP6) |
|---------|-------------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Caspase 6 ( <a href="#">CASP6 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Background:       | <p>Synonyms: Apoptosis-related cysteine protein, Apoptosis Related Cysteine Protease, Apoptotic cysteine protease MCH2, Apoptotic protease MCH 2, Apoptotic protease MCH2, Casp 6, Casp6, Caspase 6 apoptosis related cysteine protease, Caspase 6 precursor, Caspase6, Human cysteine protease Mch2 isoform alpha, Mch 2, Mch2, CASP6_HUMAN.</p> <p>Background: Caspase-6 is involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins.</p> <p>Overexpression promotes programmed cell death. Subunit is composed of heterodimer of a 18 kDa (p18) and a 11 kDa (p11) subunit. Subcellular location at cytoplasmic. Cleavages by CPP32, caspase-8 or -10 generate the two active subunits. It belongs to the peptidase C14 family.</p> |
| Gene ID:          | 839                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pathways:         | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |