

Datasheet for ABIN683863

## anti-Caspase 9 antibody (pThr125)

1 Image

1 Publication



[Go to Product page](#)

### Overview

|                      |                                                                                                                                                                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                                                                                                                                        |
| Target:              | Caspase 9 (CASP9)                                                                                                                                                                                                                                                             |
| Binding Specificity: | pThr125                                                                                                                                                                                                                                                                       |
| Reactivity:          | Human, Mouse, Rat                                                                                                                                                                                                                                                             |
| Host:                | Rabbit                                                                                                                                                                                                                                                                        |
| Clonality:           | Polyclonal                                                                                                                                                                                                                                                                    |
| Conjugate:           | This Caspase 9 antibody is un-conjugated                                                                                                                                                                                                                                      |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

### Product Details

|                   |                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic phosphopeptide derived from human Caspase-9 around the phosphorylation site of Thr125 |
| Isotype:          | IgG                                                                                                            |
| Specificity:      | This phosphorylation site is homologous to that of Thr163 in Mouse.                                            |
| Cross-Reactivity: | Human, Mouse, Rat                                                                                              |
| Purification:     | Purified by Protein A.                                                                                         |

### Target Details

|         |                   |
|---------|-------------------|
| Target: | Caspase 9 (CASP9) |
|---------|-------------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Caspase-9 ( <a href="#">CASP9 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Background:       | <p>Synonyms: MCH6, APAF3, APAF-3, PPP1R56, ICE-LAP6, Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, ICE-like apoptotic protease 6, CASP9</p> <p>Background: Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.</p> |
| Gene ID:          | 842                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt:          | <a href="#">P55211</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pathways:         | <a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>                                                                                                                                                                                                                                                           |

## Application Details

|                    |                                                                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only                                                                                                                                                                      |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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. |

## Handling

Storage: 4 °C, -20 °C

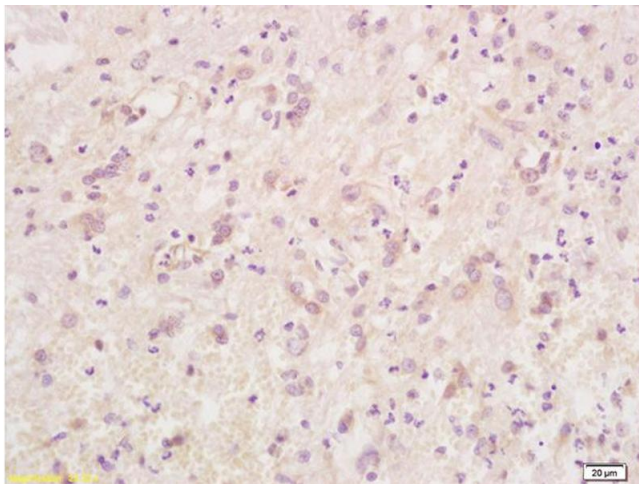
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

Product cited in: Bozok Cetintas, Acikgoz, Yigitturk, Demir, Oktem, Tezcanli Kaymaz, Oltulu, Aktug: "Effects of flavopiridol on critical regulation pathways of CD133high/CD44high lung cancer stem cells." in: **Medicine**, Vol. 95, Issue 43, pp. e5150, (2016) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain tissue labeled with Anti-Phospho-Caspase-9 (Thr125) Polyclonal Antibody, Unconjugated (ABIN683863) at 1:200 followed by conjugation to the secondary antibody and DAB staining