

**Product Name: Caspase 9 Rabbit Monoclonal antibody****Catalog #: AMRe01765**

For research use only.

**Summary**

|                      |                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody                                                               |
| <b>Host</b>          | Rabbit                                                                                               |
| <b>Application</b>   | WB,IP                                                                                                |
| <b>Reactivity</b>    | Mouse,Rat                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                         |
| <b>Modification</b>  | Unmodified                                                                                           |
| <b>Isotype</b>       | IgG                                                                                                  |
| <b>Clonality</b>     | Monoclonal Antibody                                                                                  |
| <b>Form</b>          | Liquid                                                                                               |
| <b>Concentration</b> | 0.15mg/ml. The concentration of this product may be batch-dependent.                                 |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                          |
| <b>Shipping</b>      | Ice bags                                                                                             |
| <b>Buffer</b>        | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b>  | Affinity Purified                                                                                    |

**Application**

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IP 1:20-1:50               |
| <b>Molecular Weight</b> | Calculated MW: 50 kDa; Observed MW: 50 kDa |

**Antigen Information**

|                          |                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | Casp9<br>CASP 9; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor            |
| <b>Alternative Names</b> | 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6; Caspase-9 subunit p35; Caspase-9 subunit p10; CASP9; MCH6 |
| <b>Gene ID</b>           | 12371.0                                                                                                       |
| <b>SwissProt ID</b>      | Q8C3Q9                                                                                                        |
| <b>Immunogen</b>         | Recombinant protein of mouse Caspase-9                                                                        |

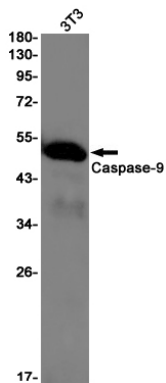
**Background**

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).

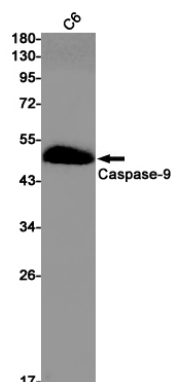
## Research Area

Cell Biology

## Image Data



Western blot analysis of Caspase9 in 3T3 lysates using Caspase 9 antibody.



Western blot analysis of Caspase9 in C6 lysates using Caspase9 antibody.