

# Cleaved-Caspase 9 Rabbit mAb

Catalog # AP78611

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IP                 |
| <b>Primary Accession</b> | <a href="#">P55211</a> |
| <b>Reactivity</b>        | Human, Mouse           |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Monoclonal Antibody    |
| <b>Calculated MW</b>     | 46281                  |

## Additional Information

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|--------------------|--------------------------|
| <b>Gene ID</b>     | 842                      |
| <b>Other Names</b> | CASP9                    |
| <b>Dilution</b>    | WB~~1/500-1/1000 IP~~N/A |
| <b>Format</b>      | Liquid                   |

## Protein Information

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|------------------------|---|
| <b>Name</b>            | CASP9   |
| <b>Synonyms</b>        | MCH6  |
| <b>Function</b>        | 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 effector caspases caspase-3 (CASP3) or caspase-7 (CASP7). Promotes DNA damage- induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Cleaves BIRC6 following inhibition of BIRC6-caspase binding by DIABLO/SMAC (PubMed: <a href="#">36758105</a> , PubMed: <a href="#">36758106</a> ). |
| <b>Tissue Location</b> | Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.   |

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