

**pro Caspase 9 Antibody**  
Rabbit mAb  
Catalog # AP90750

## Specification

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### pro Caspase 9 Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	<a href="#">P55211</a>
Clonality	Monoclonal
<b>Other Names</b>	
APAF-3; APAF3; Apoptotic protease Mch-6; ICE-LAP6; Apoptotic protease-activating factor 3; CASP-9; CASP9; Caspase-9 subunit p10; ICE-like apoptotic protease 6; ICELAP6; MCH6;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46281 Da

### pro Caspase 9 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human pro Caspase 9
Description	Caspases are a family of cytosolic aspartate specific cysteine proteases. Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaved caspase-9 further processes other caspase members, including caspase-3 and caspase-7, to initiate a caspase cascade, which leads to apoptosis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### pro Caspase 9 Antibody - Protein Information

**Name** CASP9

**Synonyms** MCH6

#### Function

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).

### Tissue Location

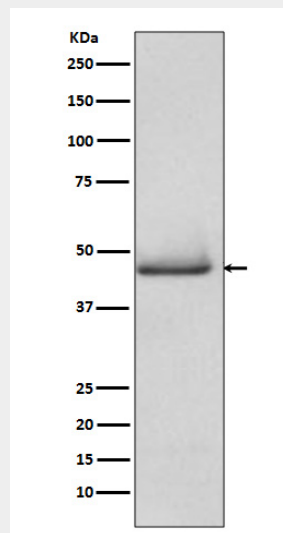
Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

### pro Caspase 9 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### pro Caspase 9 Antibody - Images



Western blot analysis of pro Caspase 9 expression in Jurkat cell lysate.