

pro Caspase 9 Antibody
Rabbit mAb
Catalog # AP90750

Specification

pro Caspase 9 Antibody - Product Information

Application **WB, IHC, FC**
Primary Accession [P55211](#)
Clonality **Monoclonal**

Other Names

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). Cleaves BIRC6 following inhibition of BIRC6-caspase binding by DIABLO/SMAC (PubMed:36758106, PubMed:36758105).

Tissue Location

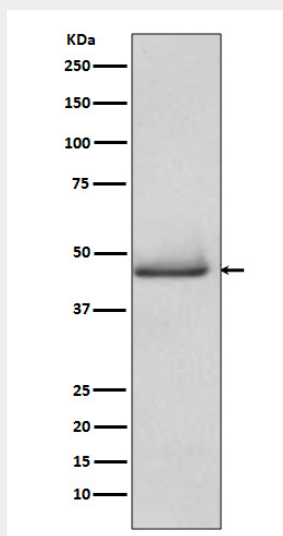
Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

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.