

**anti-Caspase 9 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22426a****Specification**

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**anti-Caspase 9 Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">P55211</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	46281

**anti-Caspase 9 Antibody - Additional Information****Gene ID** 842**Other Names**

Caspase-9, CASP-9, 3.4.22.62, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, APAF-3, ICE-like apoptotic protease 6, ICE-LAP6, Caspase-9 subunit p35, Caspase-9 subunit p10, CASP9, MCH6

**Target/Specificity**

This anti-Caspase 9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the human region of human anti-Caspase 9.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

anti-Caspase 9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**anti-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:[36758105](#), PubMed:[36758106](#)).

#### Tissue Location

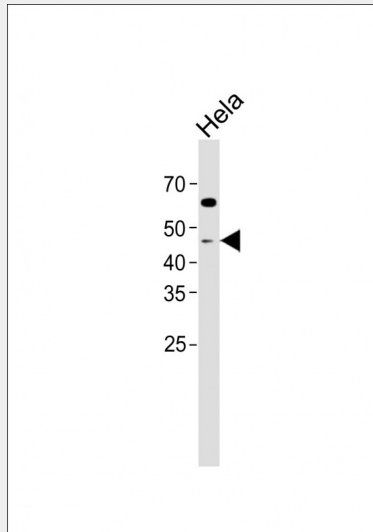
Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

### anti-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](#)

### anti-Caspase 9 Antibody - Images



All lanes: Anti-anti-Caspase 9 Antibody at 1:2000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 46 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

### anti-Caspase 9 Antibody - 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 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).

**anti-Caspase 9 Antibody - References**

- Duan H., et al. J. Biol. Chem. 271:16720-16724(1996).  
Srinivasula S.M., et al. J. Biol. Chem. 271:27099-27106(1996).  
Hadano S., et al. Mamm. Genome 10:757-760(1999).  
Srinivasula S.M., et al. Cancer Res. 59:999-1002(1999).  
Izawa M., et al. Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.