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# CASP9 / Caspase 9 Antibody (aa299-318)

**Rabbit Polyclonal Antibody**
**Catalog # ALS16984**

## Specification

### CASP9 / Caspase 9 Antibody (aa299-318) - Product Information

| | |
|---|---|
| Application | **IHC, WB** |
| Primary Accession | P55211 |
| Other Accession | 842 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **IgG** |
| Calculated MW | **46281** |

### CASP9 / Caspase 9 Antibody (aa299-318) - Additional Information

**Gene ID** 842

**Other Names**
CASP9, APAF3, CASPASE-9c, ICE-LAP6, MCH6, ICE-like apoptotic protease 6, APAF-3, Apoptotic protease Mch-6, CASP-9, Caspase 9, Caspase-9, PPP1R56

**Target/Specificity**
This Polyclonal antibody is directed against human Caspase-9 protein. The product was purified from serum by protein A chromatography.

**Reconstitution & Storage**
PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

**Precautions**
CASP9 / Caspase 9 Antibody (aa299-318) is for research use only and not for use in diagnostic or therapeutic procedures.

### CASP9 / Caspase 9 Antibody (aa299-318) - 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.

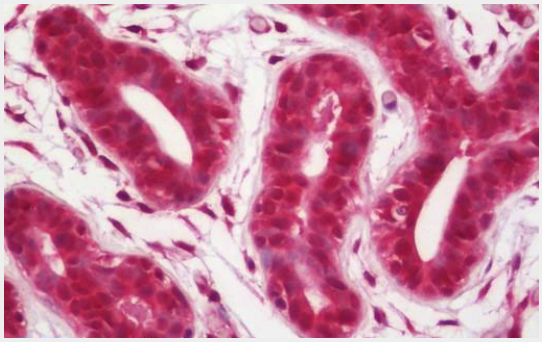
**Volume**
50 µl

### CASP9 / Caspase 9 Antibody (aa299-318) - Protocols

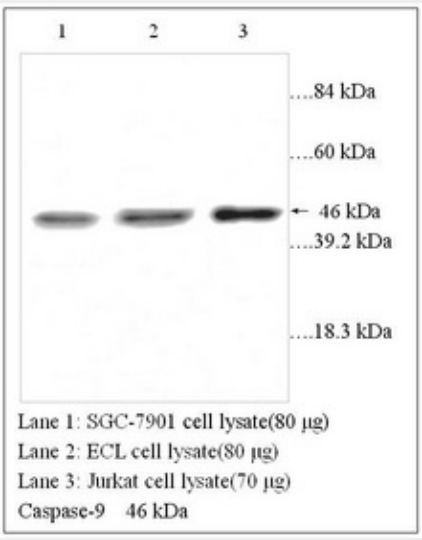
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### CASP9 / Caspase 9 Antibody (aa299-318) - Images



Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)




Lane1: SGC-7901 cell lysate(80 µg); Lane2: ECL cell lysate (80 µg□; Lane3□ Jurkat celllysate□70 µg); Caspase-9: 46kDa

### CASP9 / Caspase 9 Antibody (aa299-318) - 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).

**CASP9 / Caspase 9 Antibody (aa299-318) - 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.