

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

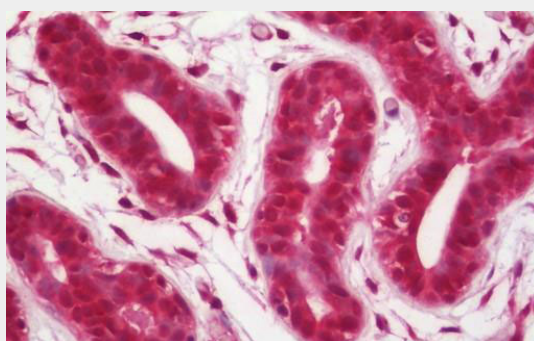
50 μ l

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

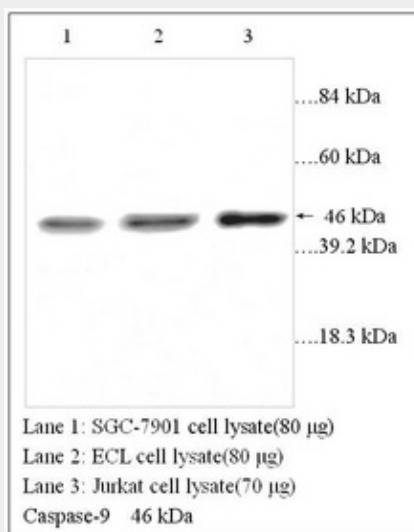
Provided below are standard protocols that you may find useful for product applications.

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

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



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



Lane1: SGC-7901 cell lysate(80 μ g); Lane2: ECL cell lysate (80 μ g); Lane3: Jurkat cell lysate(70 μ g); 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.