

CASP9 / Caspase 9 Antibody (aa345-359)
Rabbit Polyclonal Antibody
Catalog # ALS12066**Specification**

CASP9 / Caspase 9 Antibody (aa345-359) - Product Information

Application	WB, IHC
Primary Accession	P55211
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

CASP9 / Caspase 9 Antibody (aa345-359) - 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

A mixture of synthetic peptides corresponding to amino acids 345-359 and 366-383 of rat Caspase-9-CTD.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CASP9 / Caspase 9 Antibody (aa345-359) is for research use only and not for use in diagnostic or therapeutic procedures.

CASP9 / Caspase 9 Antibody (aa345-359) - 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).

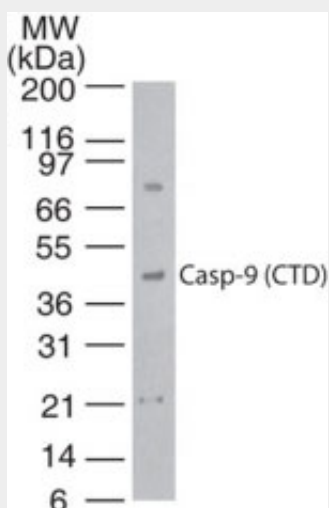
Tissue Location

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.

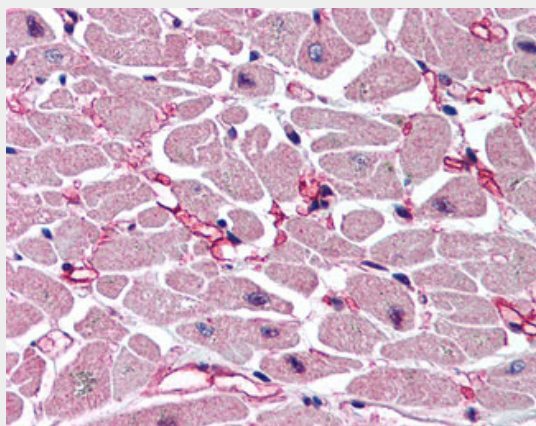
CASP9 / Caspase 9 Antibody (aa345-359) - Protocols

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 (aa345-359) - Images

Western blot of 20 ug of whole cell lysate from HeLa cells with antibody at 1 ug/ml dilution.



Anti-Caspase 9 antibody IHC of human heart.

CASP9 / Caspase 9 Antibody (aa345-359) - 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 (aa345-359) - 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.