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CASP9 / Caspase 9 Antibody (aa266-315)

Rabbit Polyclonal Antibody
Catalog # ALS15145

Specification

CASP9 / Caspase 9 Antibody (aa266-315) - Product Information

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

CASP9 / Caspase 9 Antibody (aa266-315) - 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
Caspase 9 (Cleaved-Asp315) Antibody detects endogenous levels of fragment of activated Caspase 9 resulting from cleavage adjacent to Asp315.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
CASP9 / Caspase 9 Antibody (aa266-315) is for research use only and not for use in diagnostic or therapeutic procedures.

CASP9 / Caspase 9 Antibody (aa266-315) - 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.

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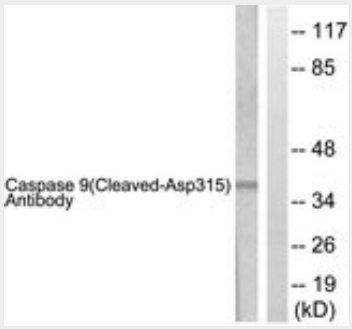
Volume
50 µl

CASP9 / Caspase 9 Antibody (aa266-315) - 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 (aa266-315) - Images



Western blot of extracts from 293 cells, treated with Etoposide 25 uM 60', using Caspase 9...

CASP9 / Caspase 9 Antibody (aa266-315) - 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 (aa266-315) - 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.