

**Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody**  
Catalog # AP63089**Specification****Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P55211</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody - Additional Information****Gene ID** 842**Other Names**

CASP9; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6

**Dilution**

WB~~WB 1:500-2000, IHC-p 1:50-300, IF 1:50-300

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Cleaved-Caspase-9 p35 (D315) Polyclonal 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:<a href="http://www.uniprot.org/citations/36758105" target="\_blank">36758105</a>, PubMed:<a href="http://www.uniprot.org/citations/36758106" target="\_blank">36758106</a>).

**Tissue Location**

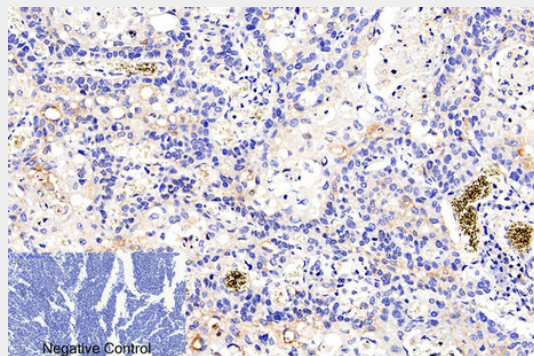
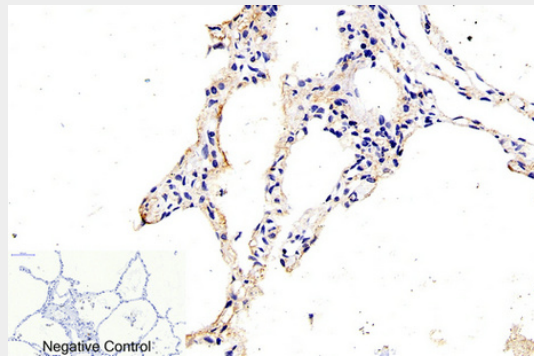
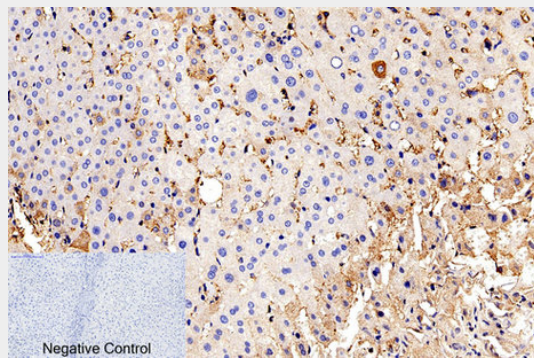
Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

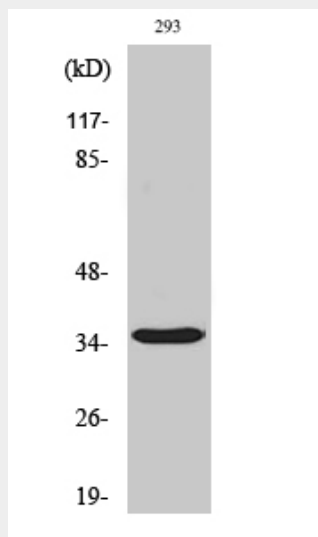
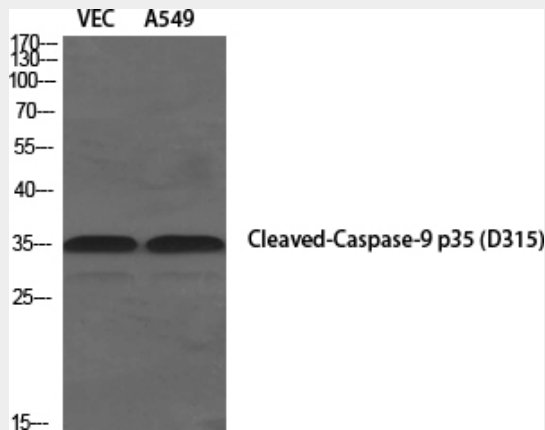
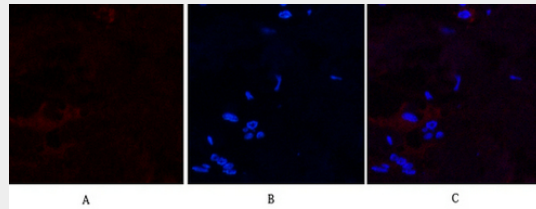
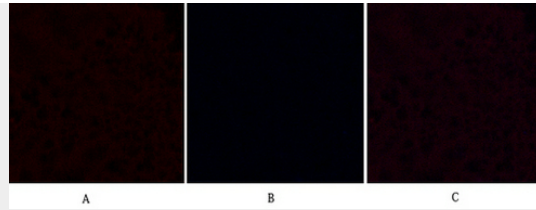
## Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody - Protocols

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](#)

## Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody - Images





### Cleaved-Caspase-9 p35 (D315) Polyclonal 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 caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner.

Proteolytically cleaves poly(ADP- ribose) polymerase (PARP).