

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

Application	WB
Primary Accession	P55211
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:36758106, PubMed:36758105).

Tissue Location

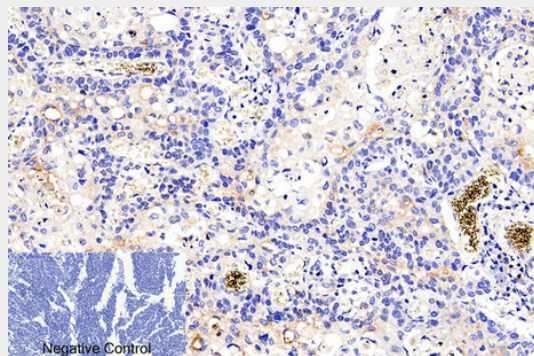
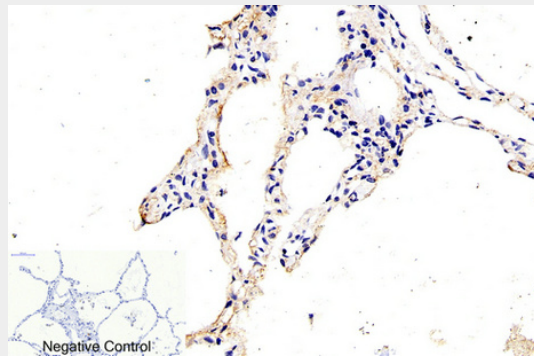
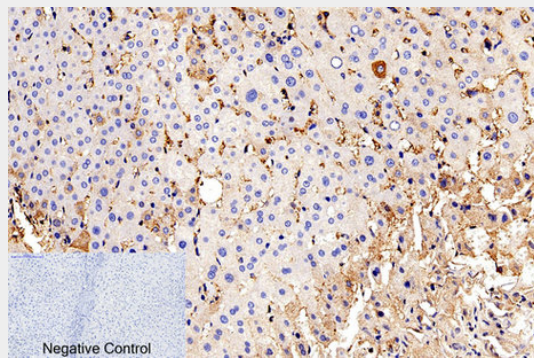
Ubiquitous, with highest expression in the heart, moderate expression in liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the heart, specifically expressed in myocytes.

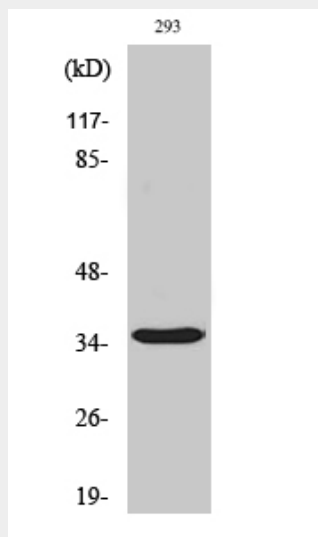
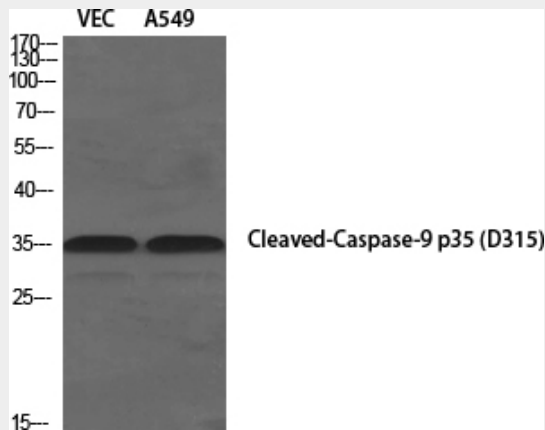
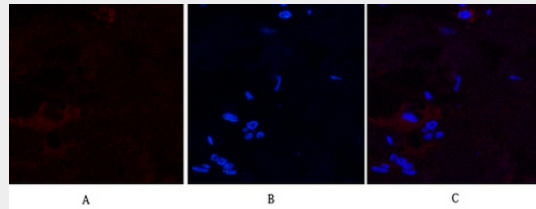
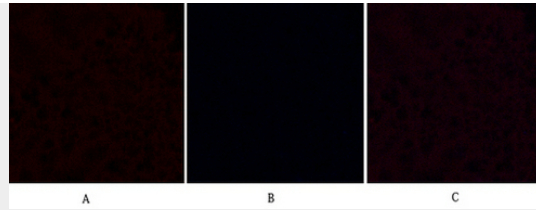
Cleaved-Caspase-9 p35 (D315) Polyclonal Antibody - Protocols

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).