

Caspase-9 Antibody

Catalog No: T55782

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP



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400-6123-828

Information

UniProt ID: P55211

All Names: CASP 9; Caspase-9; CASP-9; 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;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

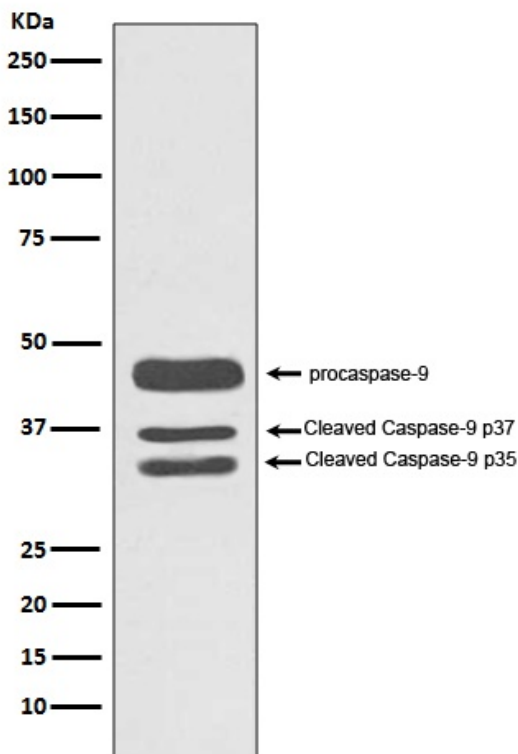
Molecular Wt.: 46,39,37,35kDa

Application

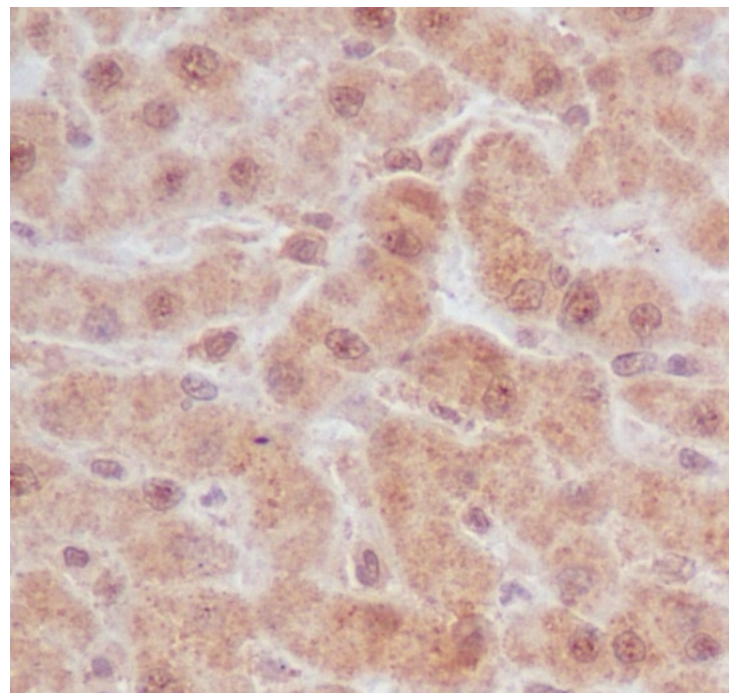
WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

Background

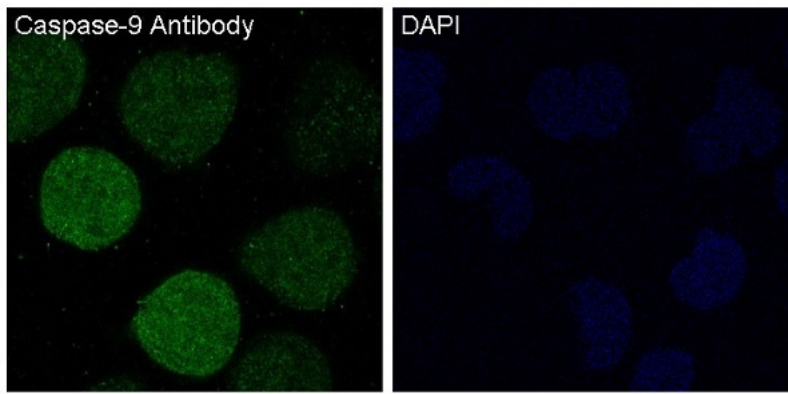
Caspase-9 is an important member of the cysteine aspartic acid protease (caspase) family. Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).



Western blot analysis of Caspase-9 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver, using Caspase-9 Antibody.



Immunofluorescent analysis of HeLa cells treated with staurosporine, using Caspase-9 Antibody.