

Caspase-9 Polyclonal Antibody

Catalog No. E-AB-60760

Note: Centrifuge before opening to ensure complete recovery of vial contents.

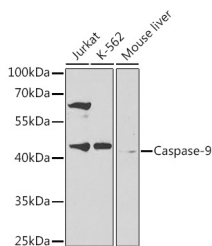
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human Caspase-9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

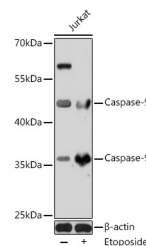
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:100

Data

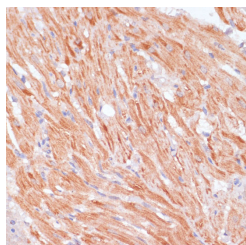


Western blot analysis of extracts of various cell lines using Caspase-9 Polyclonal Antibody at dilution of 1:300.

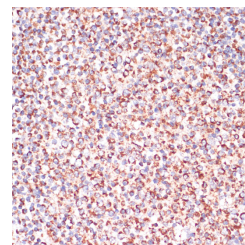
Observed Mw: 36kDa/46kDa
Calculated Mw: 17kDa/30kDa/36kDa/46kDa



Western blot analysis of extracts of Jurkat cells using Caspase-9 Polyclonal Antibody at dilution of 1:1000.

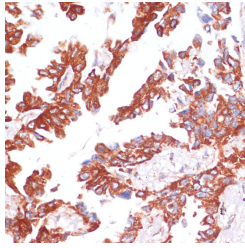


Immunohistochemistry of paraffin-embedded Rat heart using Caspase-9 Polyclonal Antibody at dilution of 1:100 (40x lens).

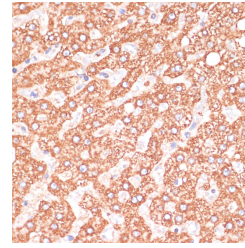


Immunohistochemistry of paraffin-embedded Human tonsil using Caspase-9 Polyclonal Antibody at dilution of 1:100 (40x lens).

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Immunohistochemistry of paraffin-embedded Human lung cancer using Caspase-9 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human liver using Caspase-9 Polyclonal Antibody at dilution of 1:100 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.

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