

Caspase-9 Polyclonal Antibody

Catalog Number:E-AB-68277



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

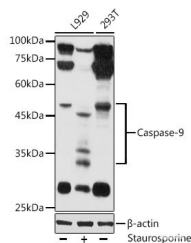
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human Caspase-9
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% proclin300,50% glycerol,pH7.3.

Applications Recommended Dilution

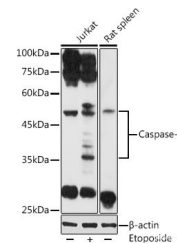
WB	1:500-1:2000
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Data



Western blot analysis of extracts of various cell lines using Caspase-9 Polyclonal Antibody at 1:1000 dilution.L929 cells were treated by staurosporine(1 uM) for 3 hour.

Observed Mw:47KDa/35KDa/37KDa
Calculated Mw:17kDa/30kDa/36kDa/46kDa



Western blot analysis of extracts of various cell lines using Caspase-9 Polyclonal Antibody at 1:1000 dilution.Jurkat cells were treated by Etoposide (25 uM) at 37°C for 5 hours.

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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