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**Anti-Caspase9**

Cat #: HM1065  
Goat polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Caspase-9 (also designated ICE-LAP6) is 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 2 subunits, large and small, that dimerize to form the active enzyme. Caspase-9 is processed by caspase-3; this step is thought to be one of the earliest in the caspase activation cascade. Caspase-9 as well as caspase-3 and caspase-7 have been shown to cleave the 112 kDa nuclear protein PARP into an 85 kDa apoptotic fragment.

**SPECIFICITY**

This antibody specifically recognizes p35 subunit and precursor of caspase-9 of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Recommended dilution for Western blotting: 1:1000.

**IMMUNOGEN**

Full-length recombinant human Caspase9 protein.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8°C.

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