
Anti-Caspase3

Cat #: HM1059
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Caspase3 is a member of caspase superfamily whose members also include Ced-3/Caspase1, Caspase2, Caspase4, Caspase6, Caspase7, Caspase9 and Caspase10. 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. Caspase3 can cleave and activate caspases 6, 7 and 9, and itself could be processed by caspases 8, 9 and 10 in response to apoptotic stimuli. Caspase3 has been shown to cleave nuclear protein PARP.

SPECIFICITY

This antibody specifically recognizes Caspase3 of human, mouse and rat origin and can be used in Western blotting, immunoprecipitation and immunostaining.

IMMUNOGEN

Full-length recombinant human Caspase3 protein.

STORAGE

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

REFERENCES

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