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**Anti-Caspase10**

Cat #: HM1066  
Goat polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Caspase-10 (also designated Mch4) 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-10 was shown to cleave and activate caspases 3 and 7 in response to apoptotic stimuli, and itself could be processed by caspase 8. Mutations in caspase-10 gene are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome.

**SPECIFICITY**

This antibody reacts with the p10 subunit and precursor of caspase-10 of human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Recommended dilution for Western blotting: 1:1000. Western blotting positive control: Jurkat cell lysate.

**IMMUNOGEN**

A peptide mapping at the amino terminus of human p10 subunit of caspase-10

**STORAGE**

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

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