
anti-Caspase 4

Cat #: HM1060
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

APPLICATIONS

Caspase 4 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 composed of a prodomain and a large and small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. Caspase 4 is able to cleave and activate its own, as well as caspase 1 precursor proteins. When overexpressed, caspase 4 can induce cell apoptosis.

SPECIFICITY

This antibody reacts with the p20 subunit and precursor of caspase-4 (also designated TX, ICH-2) of human origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Recombinant protein corresponding to the full-length of human caspase-4.

STORAGE

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

REFERENCES

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