

CASP9

Reactivity: Human Mouse Rat Hamster Monkey

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 46kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein of human CASP9

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bi

Synonym:

APAF-3; APAF3; CASPASE-9c; ICE-LAP6; MCH6;

Catalog #: A2437

Antibody Type:

Monoclonal Antibody

Species: Mouse

Gene ID: 842

Isotype: IgG

Swiss Prot: P55211

Purity: Affinity purification

For research use only.

Background:

Caspase-9 (ICE-LAP6, Mch6) is an important member of the cysteine aspartic acid protease (caspase) family (1,2). Upon apoptotic stimulation, cytochrome c released from mitochondria associates with the 47 kDa procaspase-9/Apaf 1. Apaf-1 mediated activation of caspase-9 involves intrinsic proteolytic processing resulting in cleavage at Asp315 and producing a p35 subunit. Another cleavage occurs at Asp330 producing a p37 subunit that can serve to amplify the apoptotic response (3-6). Cleaved caspase-9 further processes other caspase members, including caspase-3 and caspase-7, to initiate a caspase cascade, which leads to apoptosis (7-10).

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