

CASP9

Reactivity:Human Mouse

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:50 - 1:100

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:

MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6;

Catalog #:A2636

Antibody Type:

Polyclonal Antibody

Species:Rabbit

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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