

Caspase3

Reactivity:Human Mouse Rat

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:50 - 1:200

Calculated MW:32kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human Caspase3

Storage Buffer:

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

Synonym:

CASP3;CPP32;CPP32B;SCA-1;Caspase-3;APOPAIN;

Catalog #:A11560

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:836

Isotype:IgG

Swiss Prot:P42574

Purity:Affinity purification

For research use only.

Background:

Caspase-3 (CPP-32, Apoptain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins such as the nuclear enzyme poly(ADP-ribose) polymerase (PARP) (1). Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires aspartic acid at the P1 position (2).

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