

CASP3

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:1000

Calculated MW: 32kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CASP3

Storage Buffer:

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

Concentration:

bi

Synonym:

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

Catalog #: A2156

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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