

Caspase-3 Rabbit mAb

Catalog No.: A11888 **Recombinant** **1 Publications**

Basic Information

Observed MW

17kDa, 19kDa

Calculated MW

32kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP, FC

Cross-Reactivity

Human, Mouse, Rat, Monkey

Background

The protein encoded by this gene is a cysteine-aspartic acid protease that plays a central role in the execution-phase of cell apoptosis. The encoded protein cleaves and inactivates poly(ADP-ribose) polymerase while it cleaves and activates sterol regulatory element binding proteins as well as caspases 6, 7, and 9. This protein itself is processed by caspases 8, 9, and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
IP	1:20 - 1:50
FC	1:20 - 1:50

Immunogen Information

Gene ID

836

Swiss Prot

P42574

Immunogen

Recombinant protein of human Caspase-3

Synonyms

CPP32; SCA-1; CPP32B; Caspase-3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

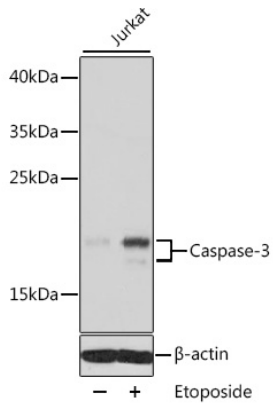
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from Jurkat cells, using Caspase-3 Rabbit mAb (A11888). Jurkat cells were treated by Etoposide (25 μ M) for 5 hours.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.