

Datasheet

CASP3 monoclonal antibody, clone 31A1067

Catalog Number: MAB8042

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant CASP3.

Clone Name: 31A1067

Immunogen: Recombinant protein corresponding to human CASP3.

Host: Mouse

Reactivity: Human, Mouse

Applications: IHC-P, WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG

Recommend Usage: Western Blot (2-3 ug/mL)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.05% BSA, 0.05% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 836

Gene Symbol: CASP3

Gene Alias: CPP32, CPP32B, SCA-1

Gene Summary: This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the 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. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq]