

Product Datasheet

Active Caspase-3 Antibody

Catalog No: CY5031

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P42574

All Names: Apopain precursor; Cysteine protease CPP32; ICE3; CASP-3; CPP-32; CPP32; Caspase-3; SCA-1; SREBP cleavage activity 1; Yama protein p17

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 17 kDa

Application

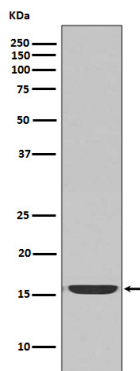
WB: 1:500~1:2000

IHC: 1:50~1:100

ICC/IF: 1:50~1:100

Background

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 2 subunits, large and small, that dimerize to form the active enzyme.



Western blot analysis of active Caspase-3 expression in Jurkat cell lysate treated with Camptothecin.

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