

Product Datasheet

Caspase 3 Antibody



Catalog No: CY5384

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP

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Information

UniProt ID: P42574

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

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 derived from human caspase 3

Molecular Wt.: 32 kDa

Application

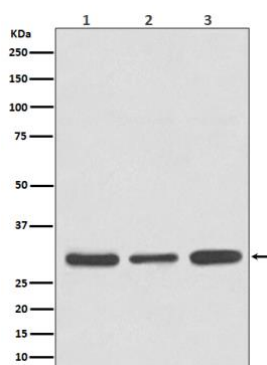
WB: 1:500~1:2000

IHC: 1:50~1:200

IP: 1:50

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 Caspase 3 expression in (1) Jurkat cell lysate; (2) NIH/3T3 cell lysate; (3) Rat brain lysate.

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