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CASP9
Rabbit Anti-Human Caspase-9 (Active) Affinity Purified pAb

Catalog No.	CPC124	**Quantity:**	100 µg

Alternate Names: Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, APAF-3, ICE-like apoptotic protease, ICE-LAP6

Description: Caspases are synthesized as inactive pro-enzymes that are processed to active form in cells undergoing apoptosis. Caspase 9 is an important member of the caspase family. Upon induction of apoptosis, Cytochrome c released from mitochondria associates with procaspase 9 (47 kDa) and APAF1. The complex processes pro-caspase 9 into a large subunit (37 kDa/17 kDa) and a small subunit (10 kDa). Cleaved caspase 9 further processes other caspases including caspase 3 and caspase 6, to initiate a caspase cascade leading to apoptosis. The affinity purified antibody recognizing the active forms of caspase 9 provides a new tool for identifying apoptotic cell populations in both tissue sections and cultured cells.

Uniprot ID: P55211

Gene ID: 842

Concentration: 0.2 mg/ml

Specificity: Recognizes only the cleaved human Caspase 9 (37 kDa). It does not recognize full length Caspase 9 or any other caspases.

Host: Rabbit

Immunogen: Synthetic peptide of the N-terminus adjacent to Asp330 of human Caspase 9

Formulation: PBS containing 50% glycerol, 0.5% BSA, 0.02% thimerosal.
Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: Biospecific affinity chromatography

Application Notes: **Western Blot:** use at 0.5-4 µg/ml
Immunoprecipitation: use at 10-20 µg/ml
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store in working aliquots at -20°C to -80°C for up to 1 year.
Avoid repeated freeze-thaw cycles.

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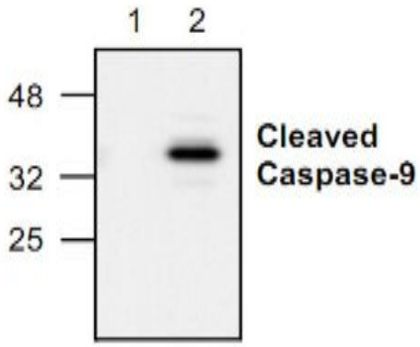

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