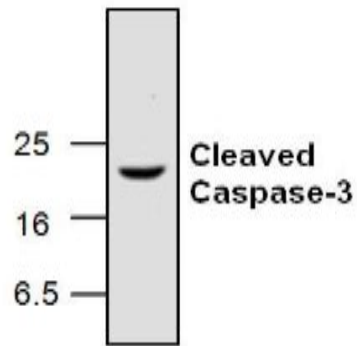


CASP3

Rabbit Anti-Human Caspase-3 (Active) Affinity Purified pAb

Catalog No.	CPC109	Quantity:	100 µg
Alternate Names:	Caspase-3, CASP-3, Apopain, Cysteine protease CPP32, CPP-32, Protein Yama, SREBP cleavage activity 1, SCA-1		
Description	<p>Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase 3 is synthesized as an inactive pro-enzyme (32 kDa) that is processed in cells undergoing apoptosis by self-proteolysis and/or cleavage by another upstream protease. The processed form of caspase 3 consists of large (17 kD) and small (12 kD) subunits which associate to form an active enzyme. The active caspase 3 proteolytically cleaves and activates other caspases, as well as relevant targets in the cells (e.g., PARP and DFF).</p> <p>This affinity purified antibody was prepared from rabbits immunized with a synthetic peptide mapping to the N-terminus adjacent to the cleavage site of human caspase-3 and recognizes the p17 fragment of the active caspase-3 to provide a tool for identifying apoptotic cell populations in both tissue sections and cultured cells.</p>		
UniProt ID:	P42574		
Gene ID:	836		
Concentration:	0.5 mg/ml		
Specificity:	Recognizes the p17 fragment of the active caspase-3		
Host:	Rabbit		
Immunogen:	Synthetic peptide mapping to the N-terminus adjacent to the cleavage site of human caspase-3		
Formulation:	PBS, pH 7.2 containing 30% glycerol, 0.5% BSA, 5 mM EDTA, 0.03% Proclin.		
Purification:	Biospecific affinity chromatography		
Cross-Reactivity:	Reacts with human, mouse, and rat.		
Application Notes:	<p>Western blotting: 1:50 -1:500 dilution Immunohistochemistry: 1:10-1:20 dilution.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	<p>Store in working aliquots at -20°C to -80°C for up to 1 year. Avoid repeated freeze-thaw cycles.</p>		





NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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