

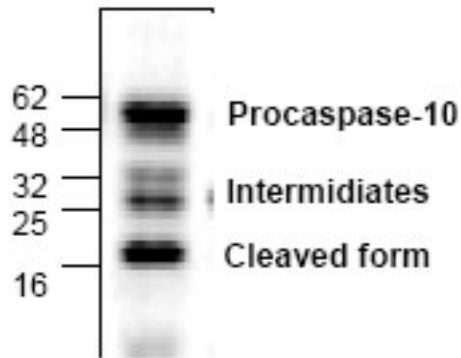
CASP10

Rabbit Anti-Human Caspase 10 Apoptosis-Related Cysteine Peptidase Affinity Purified pAb

Catalog No.	CPC128	Quantity:	200 µg
Alternate Names:	Caspase 10, ALPS2, FLICE2, MCH4		
Gene ID:	843		
Description:	Rabbit Anti-Human Caspase 10 Affinity Purified polyclonal antibody. Caspase family of cysteine proteases play a key role in apoptosis. Caspase 10 is expressed in many tissues and cell lines, and has been identified as caspase 10/a (short form) and caspase 10/b (long form), respectively. Similar to other caspases, caspase 10 is also synthesized as an inactive pro-enzyme that is processed in cells undergoing apoptosis. Activated caspase 10 activates caspase 3,-4,-6,-7,-8, and -9, which are then involved in proteolytic cleavage of many cellular proteins. Caspase 10 has been shown to be involved in the Fas and TNFR1 induced apoptosis.		
Concentration:	0.2 mg/ml		
Specificity:	Detects the proform (~ 55 kDa), intermediates (30 kDa and 34 kDa), and cleaved form (~ 20 kDa) of Caspase 10.		
Host:	Rabbit		
Immunogen:	Synthetic peptide surrounding amino acid 404 of human Caspase 10		
Formulation:	Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Cross-Reactivity:	Reacts with human, mouse, and rat.		
Applications:	Western Blot		
Application Notes:	For Western Blot, use a working dilution of 0.5-4 µg/ml. Blocking Peptide (Cat. No. CPC128BP) is available separately. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		



Western Blot analysis of Caspase 10 expression in Jurkat cells treated with camptothecin



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



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