

AP00154PU-N**Polyclonal Antibody to Caspase-10 - Aff - Purified**

Alternate names:	Apoptotic protease Mch-4, CASP-10, CASP10, FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4, MCH4
Quantity:	0.2 mg
Concentration:	0.2 mg/ml
Background:	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 as 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 involving in the Fas and TNFR1 induced apoptosis.
Uniprot ID:	Q92851
NCBI:	NP_001193453.1
GeneID:	843
Host:	Rabbit
Immunogen:	Synthetic peptide surrounding amino acid 404 of Human Caspase-10
Format:	State: Liquid purified Ig fraction. Purification: Affinity Chromatography. Buffer System: PBS, pH 7.2 containing 30% Glycerol, 0.5% BSA and 0.01% Thimerosal as preservative.
Applications:	Western Blotting (0.5-4 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody detects the proform (~55 kDa), intermediates (30 kDa and 34 kDa), and cleaved form (~20 kDa) of Caspase-10 on SDS-PAGE Immunoblots. Species: Human, Mouse and Rat. Other species not tested.
Storage:	Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Western blot analysis of caspase-10 expression in Jurkat cells treated with camptothecin.

