



Caspase 10 (p23/17, Cleaved-Val220) Antibody

Cat No.:ES17852

For research use only

Overview

Product Name	Caspase 10 (p23/17, Cleaved-Val220) Antibody
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	WB 1:500-2000, ELISA(peptide)1:5000-20000
Immunogen	Synthesized peptide derived from human Caspase 10 (p23/17, Cleaved-Val220)
Specificity	This antibody detects endogenous levels of human Caspase 10 (p23/17, Cleaved-Val220)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Caspase10
Gene Name	CASP10 MCH4
Cellular localization	cytosol,CD95 death-inducing signaling complex,ripiptosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	58+23kD
Human Gene ID	843
Human Swiss-Prot Number	Q92851
Alternative Names	Caspase-10 (CASP-10;EC 3.4.22.63;Apoptotic protease Mch-4;FAS-associated death domain protein interleukin-1B-converting enzyme 2;FLICE2;ICE-like apoptotic protease 4) [Cleaved into: Caspase-10 subunit p23/17; Caspase-10 subunit p12]
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 two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2011],

Western blot analysis of HeLa cell treated or untreated with 2 mM/ml camptothecin, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat: RS23920)was diluted at 1:10000, 37° 1hour.

