

## Polyclonal Antibody to Caspase-10 - Purified

<b>Alternate names:</b>	Apoptotic protease Mch-4, CASP-10, CASP10, FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4, MCH4
<b>Catalog No.:</b>	AP05801PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	Caspase-10 is a novel ICE/CED-3 protease, and cleaves and activates Caspase -3, -4, -6, -7, -8 and -9 leading to the cleavage of many key proteins such as PARP. Caspase-10 exists in two forms that differ in sequence at the C-terminus. Caspase-10 is also known as Mch4, whilst Caspase-10beta is also known as FLICE2.
<b>Uniprot ID:</b>	<a href="#">Q92851</a>
<b>NCBI:</b>	<a href="#">NP_001193453.1</a>
<b>GeneID:</b>	<a href="#">843</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Peptide at C-terminus of human Caspase-10
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Buffer System:</b> Phosphate buffered saline containing 0.02% Sodium Azide
<b>Applications:</b>	Western blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the 59kD apoptosis associated protein designated Caspase-10beta. The antibody only recognises the FLICE 2 form of Caspase-10. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Vincenz C, Dixit VM. Fas-associated death domain protein interleukin-1beta-converting enzyme 2 (FLICE2), an ICE/Ced-3 homologue, is proximally involved in CD95- and p55-mediated death signaling. J Biol Chem. 1997 Mar 7;272(10):6578-83. PubMed PMID: 9045686.

**Pictures:**

Western Blot analysis of HeLa (H), Jurkat (J), A431 (A) and K562 (K) whole cell lysates with Rabbit anti Human caspase-10 (AP05801PU-N)

