

# Caspase-10 Antibody

Rabbit mAb

Catalog # AP90974

## Product Information

<b>Application</b>	WB, IHC, FC, IP
<b>Primary Accession</b>	<a href="#">Q92851</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Apoptotic protease Mch4; CASP10; Caspase10; FLICE2; ICE like apoptotic protease 4; FADD-like ICE2;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	58951

## Additional Information

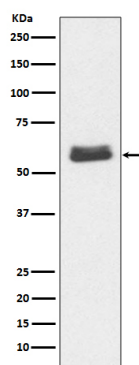
<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:100 IP 1:50 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Caspase-10
<b>Description</b>	Caspase-10 is a DED (death effector domain)-containing caspase and functions as an initiator caspase in Fas/TNF induced apoptosis. Four isoforms of caspase-10 have been identified: caspase-10a (Mch4), caspase-10b (FLICE2), caspase-10c and caspase-10d. They have the same prodomain but different mature large and small subdomains).
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	CASP10
<b>Synonyms</b>	MCH4
<b>Function</b>	Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates effector caspases CASP3, CASP4, CASP6, CASP7, CASP8 and CASP9. Hydrolyzes the small- molecule substrates, Tyr- Val-Ala-Asp- -AMC and Asp-Glu-Val-Asp- -AMC.
<b>Tissue Location</b>	Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon

## Images

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Western blot analysis of Caspase-10 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.