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Caspase-10 Antibody

Rabbit mAb
Catalog # AP90974

Product Information

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

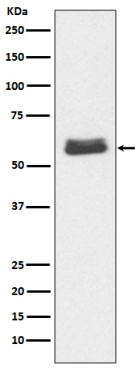
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:100 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Caspase-10
Description	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).
Storage Condition and Buffer	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

Name	CASP10
Synonyms	MCH4
Function	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.
Tissue Location	Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon

Images



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

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