

Caspase-10 Antibody
Rabbit mAb
Catalog # AP90974

Specification

Caspase-10 Antibody - Product Information

Application **WB, IHC, FC, IP**
Primary Accession **[O92851](#)**
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 Da**

Caspase-10 Antibody - Additional Information

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.**

Caspase-10 Antibody - 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

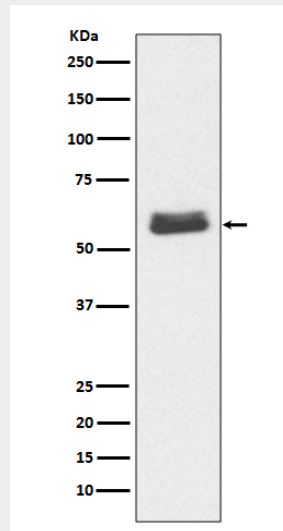
Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon

Caspase-10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Caspase-10 Antibody - Images



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