

pro Caspase 10 Antibody
Rabbit mAb
Catalog # AP90748

Specification

pro Caspase 10 Antibody - Product Information

Application **WB, IHC, FC, ICC, IP**
Primary Accession **[O92851](#)**
Clonality **Monoclonal**

Other Names

Apoptotic protease Mch4; CASP10; Caspase 10; FLICE2; ICE like apoptotic protease 4; FADD-like ICE2;

Isotype **Rabbit IgG**
Host **Rabbit**
Calculated MW **58951 Da**

pro Caspase 10 Antibody - Additional Information

Purification **Affinity-chromatography**
Immunogen **A synthesized peptide derived from human pro Caspase 10**
Description **Caspases are a family of cytosolic aspartate specific cysteine proteases. Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaved Caspase 10 leads to the processing of Caspase 3 and Caspase 7, initiating a caspase cascade and subsequent apoptosis.**
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.**

pro 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.

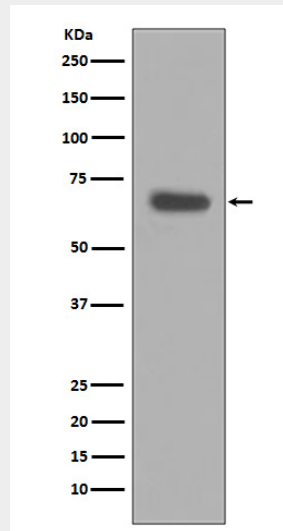
Tissue Location

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

pro 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](#)

pro Caspase 10 Antibody - Images

Western blot analysis of pro Caspase 10 expression in HeLa cell lysate.