

# Caspase-10 Polyclonal Antibody

Catalog # AP73277

## Product Information

---

|                          |                        |
|--------------------------|------------------------|
| <b>Application</b>       | WB, E                  |
| <b>Primary Accession</b> | <a href="#">Q92851</a> |
| <b>Reactivity</b>        | Human, Rat, Mouse      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 58951                  |

## Additional Information

---

|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 843  |
| <b>Other Names</b>        | CASP10; MCH4; Caspase-10; CASP-10; Apoptotic protease Mch-4; FAS-associated death domain protein interleukin-1B-converting enzyme 2; FLICE2; ICE-like apoptotic protease 4 |
| <b>Dilution</b>           | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A   |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.  |
| <b>Storage Conditions</b> | -20°C  |

## 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  |

## Background

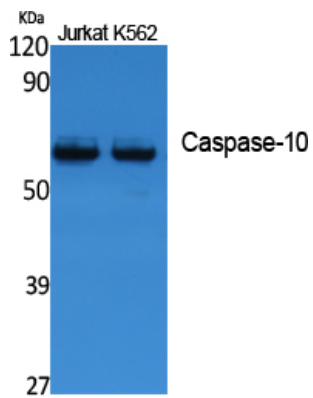
---

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 caspase- 3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC.

## Images

---



Western Blot analysis of extracts from Jurkat, K562 cells, using Caspase-10 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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