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CASP10 (M) Antibody, Rabbit Polyclonal

Cat#: R0214-1

Quantity: 100 ul

Predicted M.W.: 59 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q92851

Background:

Caspase 10 (CASP10) belongs to the peptidase C14A family, which is involved in the activation cascade of caspases responsible for apoptosis execution. CASP10 is recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner, and may participate in the granzyme B apoptotic pathways. CASP10 cleaves and activates caspase-3, -4, -6, -7, -8, and -9, and hydrolyzes the small-molecule substrates, Tyr-Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC. Defects in CASP10 have been implicated in autoimmune lymphoproliferative syndrome type 2A (ALPS2A), familial non-Hodgkin lymphoma (NHL) and gastric cancer (GASC).

Other Names:

Caspase-10, CASP-10, Apoptotic protease Mch-4, MCH4, FAS-associated death domain protein interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human CASP10. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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Product Data:

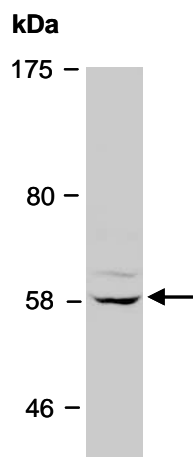


Fig 1. Western blot of total cell extracts from human HeLa, using Ab (R0214-1) at RT for 2 h.

Last Update: 08/2011

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