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Caspase-10 Rabbit pAb

Catalog No.: A0216

Basic Information

Observed MW
17kDa

Calculated MW
59kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human

Background

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
843

Swiss Prot
Q92851

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 220-521 of human Caspase-10 (NP_116759.2).

Synonyms
MCH4; ALPS2; FLICE2; FLICE-2; Caspase-10

Contact

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Product Information

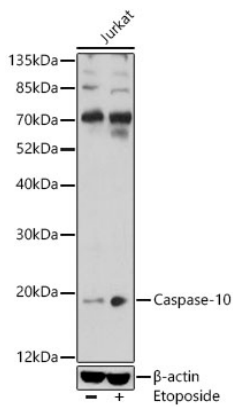| Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

Western blot analysis of lysates from Jurkat cells, using Caspase-10 Rabbit pAb (A0216) at 1:1000 dilution.Jurkat cells were treated by Etoposide (25 uM) at 37℃ for 5 hours.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.