



Caspase10 Antibody

#24183

Catalog Number: 24183-1, 24183-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : Q92851-2/4

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human Caspase 10

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Caspase 10 antibody detects endogenous levels of total Caspase 10 protein

Reactivity: Human

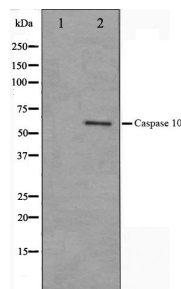
Applications:

Predicted MW: 60kd

WB: 1:500~1:2000

IHC: 1:50-200

IF/ICC: 1:100-500



Western blot analysis on HeLa cell lysate using Caspase 10 Antibody

Background :

Casp10 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. Belongs to the peptidase C14A family. Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 23/17 kDa (p23/17) (depending on the splicing events) and a 12 kDa (p12) subunit. Self-associates. Interacts with FADD and CASP8. Found in a Fas signaling complex consisting of FAS, FADD, CASP8 and CASP10. 6 isoforms of the human protein are produced by alternative splicing.