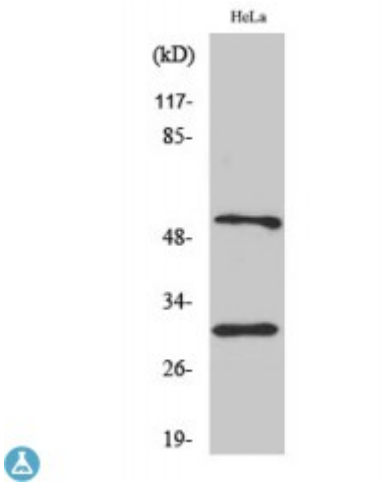
Anti-Caspase-10 B/C antibody



Description	Rabbit polyclonal to Caspase-10 B/C.

Model	STJ92018
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Caspase-10 B/C
Immunogen Region	400-480 aa, C-terminal
Gene Symbol	CASP10
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	Caspase-10 B/C Polyclonal Antibody detects endogenous levels of Caspase-10 B/C protein.
Tissue Specificity	Detectable in most tissues. Lowest expression is seen in brain, kidney, prostate, testis and colon.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Caspase-10 CASP-10 Apoptotic protease Mch-4 FAS-associated death domain protein interleukin-1B-converting enzyme 2 FLICE2 ICE-like apoptotic protease 4 Caspase-10 subunit p23/17 Caspase-10 subunit p12
Molecular Weight	60 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Alternative Names	Caspase-10 CASP-10 Apoptotic protease Mch-4 FAS-associated death domain protein interleukin-1B-converting enzyme 2 FLICE2 ICE-like apoptotic protease 4 Caspase-10 subunit p23/17 Caspase-10 subunit p12
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 caspase-3, -4, -6, -7, -8, and -9. Hydrolyzes the small-molecule substrates, Tyr-Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC. Isoform 7 can enhance NF-kappaB activity but promotes only slight apoptosis. Isoform C is proteolytically inactive.
Post-translational Modifications	Cleavage by granzyme B and autocatalytic activity generate the two active subunits.