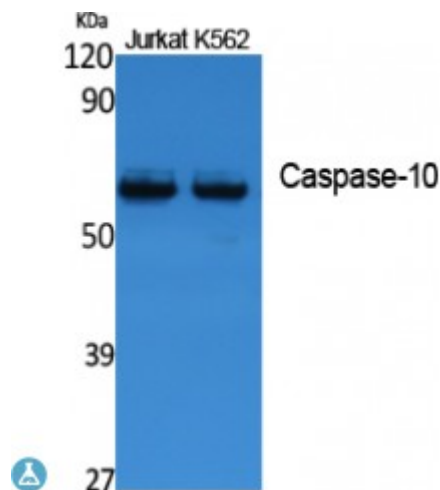


Anti-Caspase-10 antibody



Description	Rabbit polyclonal to Caspase-10.
Model	STJ96459
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Caspase-10.
Immunogen Region	Internal
Gene ID	843
Gene Symbol	CASP10
Dilution range	WB 1:500-1:2000ELISA 1:40000
Specificity	Caspase-10 Polyclonal Antibody detects endogenous levels of Caspase-10 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	59 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.
Database Links	HGNC:1500OMIM:601762
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.