

Product datasheet for **TA354379**

Caspase 10 (CASP10) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to C-term of human Caspase 10. This sequence is identical to mouse and rat.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa for precursor; 23,17 kDa
Gene Name:	caspase 10
Database Link:	NP_001193453 Entrez Gene 843 Human Q92851
Background:	A unique family of cysteine proteases has been described that differs in sequence, structure and substrate specificity from any previously described protease family. This family, termed Ced-3/caspase-1, is comprised of caspase-1, caspase-2, caspase-3, caspase-4, caspase-6 and caspase-7, caspase-9, and caspase-10. Ced-3 family members function as key components of the apoptotic machinery and act to destroy specific target proteins which are critical to cellular longevity. Caspase-10 has been shown to activate caspase-3 and caspase-7 in response to apoptotic stimuli.
Synonyms:	ALPS2; FLICE2; MCH4

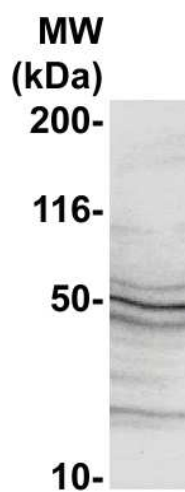


[View online »](#)

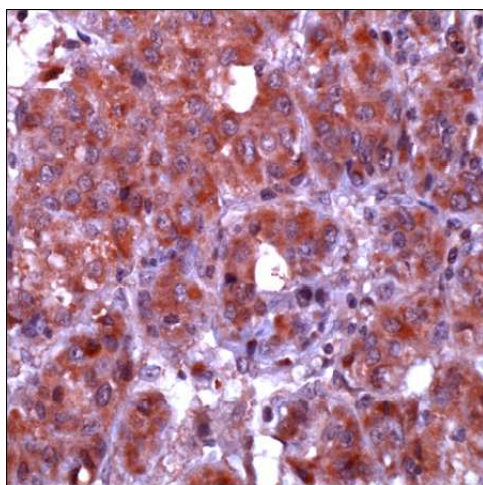
Protein Families: Druggable Genome, Protease

Protein Pathways: Apoptosis, RIG-I-like receptor signaling pathway

Product images:



WB: The cell lysate derived from Jurkat was immunoblotted by the Rabbit anti-Caspase-10 antibody at 1:500. Multiple immunoreactive bands are observed around 59-17 kDa.



IHC: Human liver carcinoma stained with anti-Caspase-10 antibody at 1:50 for 30 min, RT. (Staining of formalin-fixed tissues requires boiling tissue section in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.)