



Anti-CASP10 (C-terminal) polyclonal antibody (DPABH-06132)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 C is proteolytically inactive.
Immunogen	Synthetic peptide corresponding to Human Caspase-10 (C terminal).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS (without Mg2+, Ca2+)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	CASP10 caspase 11, apoptosis-related cysteine peptidase [Homo sapiens]
Official Symbol	CASP10
Synonyms	CASP10; caspase 10, apoptosis-related cysteine peptidase; MCH4; ALPS2; FLICE2; caspase-10; CASP-10; FADD-like ICE2; apoptotic protease MCH-4; ICE-like apoptotic protease 4; interleukin-1B-converting enzyme 2; caspase 10, apoptosis-related cysteine protease; FAS-associated death domain protein interleukin-1B-converting enzyme 2;
Entrez Gene ID	843
Protein Refseq	NP_001193453.1
UniProt ID	Q92851
Pathway	Apoptosis; Apoptosis; Apoptosis Modulation and Signaling; Death Receptor Signalling
Function	cysteine-type endopeptidase activity; cysteine-type endopeptidase activity involved in apoptotic signaling pathway; death effector domain binding; protein binding