

Rabbit anti-Human Caspase-10 Polyclonal Antibody | anti-CASP10 antibody

Anti-Caspase-10 antibody

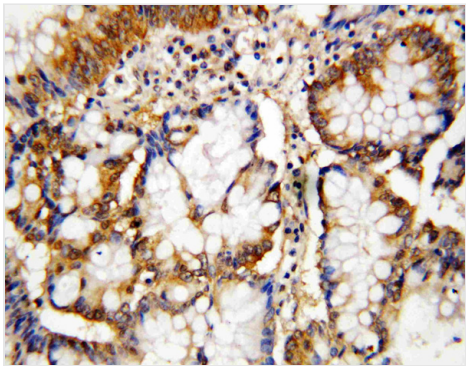
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45153	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

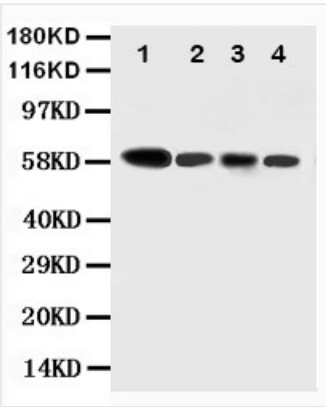
Caspase-10; Polyclonal Antibody; Anti-Caspase-10 antibody; Caspase-10(CASP-10); caspase 10; apoptosis-related cysteine peptidase; ALPS 2 antibody; ALPS2 antibody; Apoptosis related cysteine peptidase antibody; Apoptotic protease Mch 4 antibody; Apoptotic protease Mch-4 antibody; CASP 10 antibody; CASP-10 antibody; CASP10 antibody; CASP10 protein antibody; CASPA_HUMAN antibody; Caspase 10 apoptosis related cysteine peptidase antibody; Caspase 10 apoptosis related cysteine protease antibody; Caspase-10 subunit p12 antibody; Caspase10 antibody; FADD Like Ice 2 antibody; FADD like ICE2 antibody; Fas Associated Death Domain Protein antibody; FAS associated death domain protein interleukin 1B converting enzyme 2 antibody; FAS-associated death domain protein interleukin-1B-converting enzyme 2 antibody; FLICE 2 antibody; FLICE2 antibody; ICE Like Apoptotic Protease 4 antibody; ICE-like apoptotic protease 4 antibody; Interleukin 1B Converting Enzyme 2 antibody; MCH 4 antibody; MCH4 antibody; anti-CASP10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	521
Applicable Applications for anti-CASP10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CASP10 (220-236aa VKTFLEALPRAAVYRMN).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-Caspase-10 antibody, AAA45153, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-Caspase-10 antibody, AAA45153, Western blottingLane 1: COLO320 Cell LysateLane 2: HELA Cell LysateLane 3: SW620 Cell LysateLane 4: RAJI Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CASP10 antibody	Description: Rabbit IgG polyclonal antibody for Caspase-10(CASP10) detection. Tested with WB, IHC-P in Human. Background: Caspase-10 is an enzyme that, in humans, is encoded by the CASP10 gene. The Caspase 10 gene contains 11 exons and spans about 48 kb. This gene is mapped to 2q33.1. It is transcribed in the centromere-to-telomere direction.This gene encodes a protein that is a member of the cysteine-aspartic acid protease(caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes that undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12644463
NCBI GeneID	843
UniProt Accession #	Q92851; Q68HC0; Q6KF62; Q6KF63; Q8IUP5; Q8WYQ8; Q99845; Q9Y2U6; Q9Y2U7
Molecular Weight	28,364 Da
NCBI Official Full Name	Caspase-10
NCBI Official Synonym Full Names	caspase 10, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP10
NCBI Official Synonym Symbols	MCH4; ALPS2; FLICE2
NCBI Protein Information	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
UniProt Protein Name	Caspase-10
UniProt Gene Name	CASP10
UniProt Synonym Gene Names	MCH4; CASP-10; FLICE2
UniProt Entry Name	CASPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

