

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

Caspase-10 Antibody

CATALOG # AAA39661	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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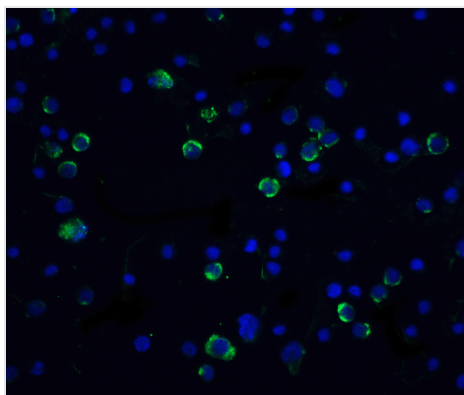
PRODUCT SYNONYMS

Caspase-10; Polyclonal Antibody; Caspase-10 Antibody; MCH4; Apoptotic protease Mch-4; CASP-10; caspase 10; apoptosis-related cysteine peptidase; anti-CASP10 antibody

PRODUCT SPECIFICATIONS

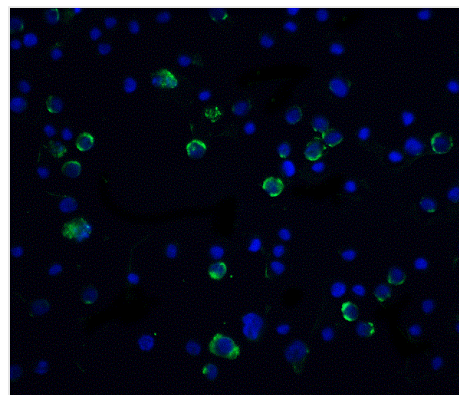
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Antibody only recognizes FLICE2 form of caspase-10.
Purity/Purification	Caspase-10 Antibody is Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	273
Applicable Applications for anti-CASP10 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-10 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human Caspase-10.
Buffer	Caspase-10 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-10 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



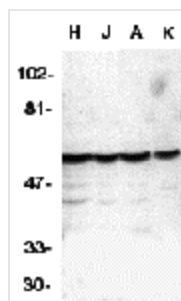
ICC (Immunocytochemistry)

Immunocytochemistry of Casp10 in HeLa cells with Caspase 10 antibody at 5 μg/mL.



IF (Immunofluorescence)

Immunofluorescence of Casp10 in HeLa cells with Caspase 10 antibody at 20 μg/mL. Green: Caspase-10 Antibody (1128) Blue: DAPI staining



WB (Western Blot)

Western blot analysis of caspase-10 in HeLa (H), Jurkat (J), A431 (A), K562 (K) whole cell lysates with Caspase-10 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP10 antibody

Caspase-10 Antibody: Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain (DD)- containing adapter molecules and members of the ICE/CED-3 protease family. A novel ICE/CED-3 protease was identified recently, designated FLICE2 and Mch4 and renamed as caspase-10. Caspase-10 has two death effector domains (DEDs) that bind to the DED in the adapter molecule FADD and recruits both TNFR1 and CD95 to form complexes with these receptors. Caspase-10 is therefore involved in the CD95 and TNFR1 induced apoptosis. Caspase-10 cleaves and activates caspase-3, -4, -6, -7, -8 and -9, which causes the proteolytic cleavage of many key proteins such as PARP. Cleavage of PARP occurs in many different systems during apoptosis and is the hallmark of programmed cell death. Caspase-10 is expressed in many tissues and cell lines.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4731237
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/c
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/caspase-10-antibody-western-blot-elisa/39661>