

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

Caspase 10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301413	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

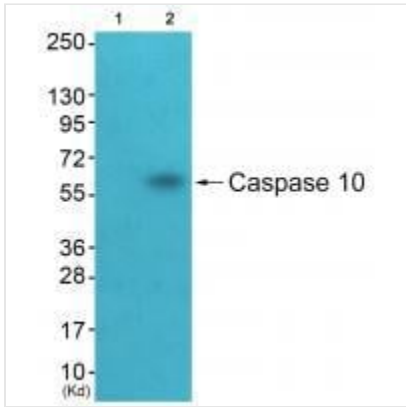
PRODUCT SYNONYMS

Caspase 10; Polyclonal Antibody; Caspase 10 Antibody; ALPS2; CASP10B; FLICE2; Caspase 10 isoform a preproprotein; Caspase 10 isoform b preproprotein; anti-CASP10 antibody

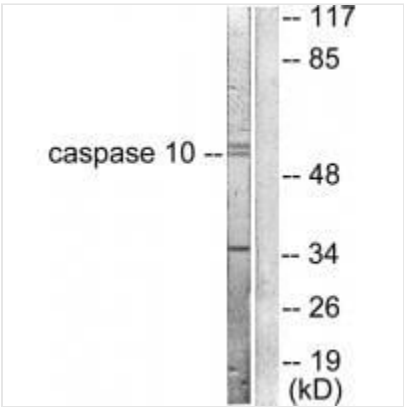
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Caspase 10 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	455
Applicable Applications for anti-CASP10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Caspase 10.
Target Name	Caspase 10
Preparation and Storage	Store at -20 degree C

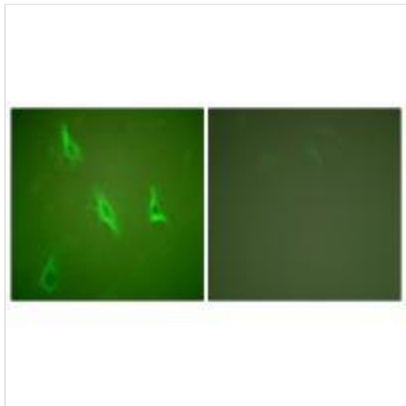
IMAGES



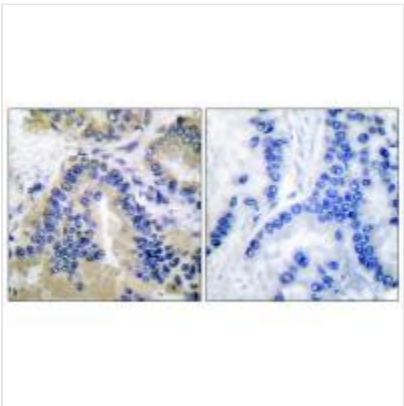
WB (Western Blot)
Western blot analysis of extracts from HeLa cells (Lane 2), using Caspase 10 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using Caspase 10 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using Caspase 10 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Caspase 10 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP10 antibody	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.Frank C. Kischkel, J. Biol. Chem., Nov 2001; 276: 46639 - 46646.Ingo H. Engels, Mol. Cell. Biol., Apr 2005; 25: 2808 - 2818.Daniela Sciaky, J. Immunol., Apr 2000; 164: 3806.Jin Wang, PNAS, Nov 2001; 98: 13884.
Product Categories/Family for anti-CASP10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	330864823
NCBI GeneID	843
NCBI Accession #	NP_001193453.1
NCBI GenBank Nucleotide #	NM_001206524.1
UniProt Accession #	Q92851; Q68HC0; Q6KF62; Q6KF63; Q8IUP5; Q8WYQ8; Q99845; Q9Y2U6; Q9Y2U7
Molecular Weight	28,364 Da
NCBI Official Full Name	caspase-10 isoform 6 preproprotein

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
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-immunofluorescence-immunohistochemistry-western-blot-elisa/301413>