

Rabbit anti-Human Caspase-12 Polyclonal Antibody | anti-CASP12 antibody

Anti-Caspase-12 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45462	Rabbit	Human	Immunohistochemistry, Western Blot

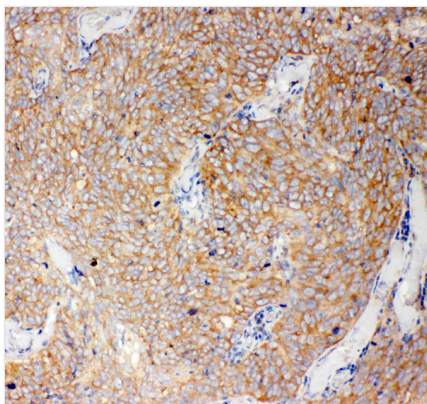
PRODUCT SYNONYMS

Caspase-12; Polyclonal Antibody; Anti-Caspase-12 antibody; Inactive caspase-12; caspase 12(gene/pseudogene); Apoptosis related cysteine protease antibody; CASP 12 antibody; CASP-12 antibody; casp12 antibody; CASP12P1 antibody; caspase 12(gene/pseudogene) antibody; caspase 12 pseudogene 1 antibody; Caspase 12 psuedogene 1 antibody; Caspase12 antibody; CASPC_HUMAN antibody; Inactive caspase-12 antibody; OTTHUMP00000207032 antibody; UNQ9415 antibody; anti-CASP12 antibody

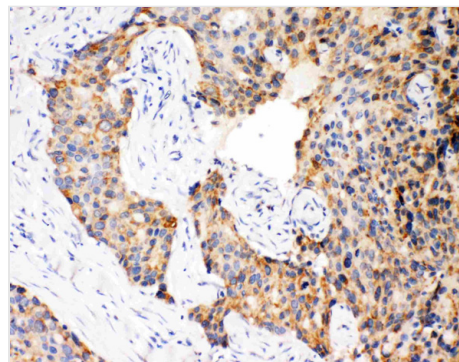
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	341
Applicable Applications for anti-CASP12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Caspase-12 (71-84aa KIFREHLWNSKKQL).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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.

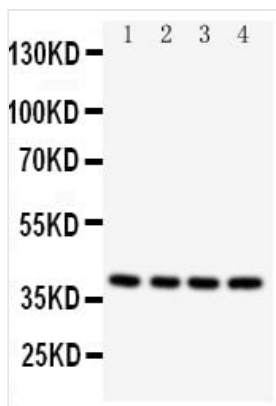
IMAGES


IHC (Immunohistochemistry)

Anti-Caspase-12 antibody, AAA45462, IHC(P)IHC(P): Human Lung Cancer Tissue


IHC (Immunohistochemistry)

Anti-Caspase-12 antibody, AAA45462, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-Caspase-12 antibody, AAA45462, Western blotting All lanes: Anti Caspase-12 (AAA45462) at 0.5ug/ml Lane 1: PANC Whole Cell Lysate at 40ug Lane 2: SMMC Whole Cell Lysate at 40ug Lane 3: A549 Whole Cell Lysate at 40ug Lane 4: HELA Whole Cell Lysate at 40ug Predicted bind size: 39KD Observed bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-CASP12 antibody

Description: Rabbit IgG polyclonal antibody for Inactive caspase-12(CASP12) detection. Tested with WB, IHC-P in Human.

Background: Caspase 12 is an enzyme known as a cysteine protease. It belongs to a family of enzymes called caspases that cleave their substrates at C-terminal aspartic acid residues. The CASP12 gene was mapped to chromosome 11q22.3. Csp12L attenuates the inflammatory and innate immune response to endotoxins and in doing so may constitute a risk factor for developing sepsis. The estrogen-mediated inhibition of CSP12L expression is a built-in mechanism that has evolved to protect females from infection by favoring a more robust inflammatory response to pathogens, perhaps notably in childbirth.

NCBI AND UNIPROT INFORMATION

NCBI GI #	395398427
NCBI GeneID	100506742
UniProt Accession #	Q6UXS9; D6RBN7
Molecular Weight	29,399 Da
NCBI Official Full Name	Inactive caspase-12
NCBI Official Synonym Full Names	caspase 12 (gene/pseudogene)
NCBI Official Symbol	CASP12
NCBI Official Synonym Symbols	CASP-12; CASP12P1
NCBI Protein Information	inactive caspase-12; caspase 12 pseudogene 1
UniProt Protein Name	Inactive caspase-12
UniProt Gene Name	CASP12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_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-12-antibody-immunohistochemistry-western-blot-elisa/45462>