

Rabbit Caspase-14 Polyclonal Antibody | anti-CASP14 antibody

Anti-Caspase-14 antibody

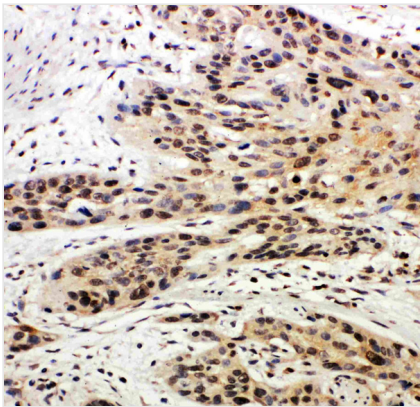
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45678	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

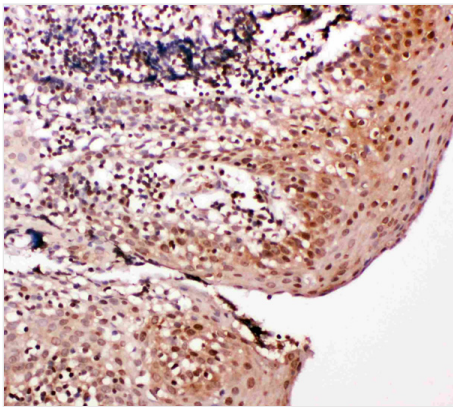
Caspase-14; Polyclonal Antibody; Anti-Caspase-14 antibody; caspase 14; apoptosis-related cysteine peptidase; Apoptosis related cysteine protease antibody; CASP 14 antibody; CASP-14 antibody; CASP14 antibody; Caspase 14 apoptosis related cysteine protease antibody; Caspase 14 precursor antibody; Caspase-14 subunit p10 antibody; Caspase14 antibody; CASPE_HUMAN antibody; MGC119078 antibody; MGC119079 antibody; MICE antibody; Mini ICE antibody; anti-CASP14 antibody

PRODUCT SPECIFICATIONS

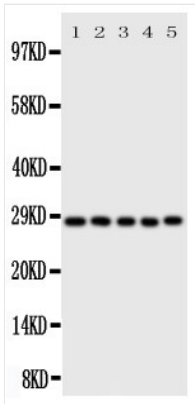
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	242
Applicable Applications for anti-CASP14 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Caspase-14 (223-242aa KARKTNPEIQSTLRKRLYLQ), different from the related rat and mouse sequences by four amino acids.
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.



IHC (Immunohistochemistry)
Anti-Caspase-14 antibody, AAA45678, IHC(P)IHC(P): Human Oesophagus Squama Cancer Tissue



IHC (Immunohistochemistry)
Anti-Caspase-14 antibody, AAA45678, IHC(P)IHC(P): Human Tonsil Tissue



WB (Western Blot)
Anti-Caspase-14 antibody, AAA45678, Western blottingAll lanes: Anti Caspase-14 (AAA45678) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Liver Tissue Lysate at 50ugLane 3: Rat Spleen Tissue Lysate at 50ugLane 4: A431 Whole Cell Lysate at 40ugLane 5: NIH3T3 Whole Cell Lysate at 40ugPredicted bind size: 28KDObserved bind size: 28KD

ADDITIONAL INFORMATION

Related Product Information for anti-CASP14 antibody

Description: Rabbit IgG polyclonal antibody for Inactive Caspase-14(CASP14) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: Caspase 14 is an enzyme that in humans is encoded by the CASP14 gene. CASP14 belongs the evolutionarily conserved caspase family. CASP14 was assigned to chromosome 19p13.1. Using Northern blot and semiquantitative RT-PCR analyses, it was showed that CASP14 was transcriptionally upregulated during maintenance of confluent cultures of human epidermal keratinocytes. The expression and processing of this caspase may be involved in keratinocyte terminal differentiation, which is important for the formation of the skin barrier. Caspase 14 seems to play a role in keratinocyte differentiation and cornification and probably regulates maturation of the epidermis by proteolytically processing filaggrin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12231007
NCBI GeneID	23581
UniProt Accession #	P31944; O95823; Q3SYC9
Molecular Weight	27,680 Da
NCBI Official Full Name	Caspase-14

NCBI Official Synonym Full Names	caspase 14, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP14
NCBI Protein Information	caspase-14; CASP-14; apoptosis-related cysteine protease; caspase 14, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-14
UniProt Gene Name	CASP14
UniProt Synonym Gene Names	CASP-14
UniProt Entry Name	CASPE_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-14-antibody-immunohistochemistry-western-blot-elisa/45678>