

Rabbit anti-Human CASP14 Polyclonal Antibody | anti-CASP14 antibody

CASP14 antibody

CATALOG # AAA300996	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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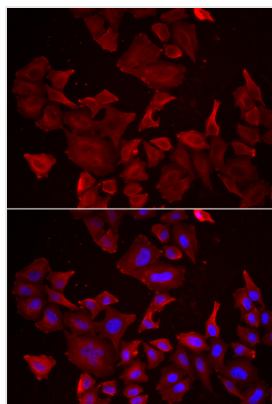
PRODUCT SYNONYMS

CASP14; Polyclonal Antibody; CASP14 antibody; anti-CASP14 antibody

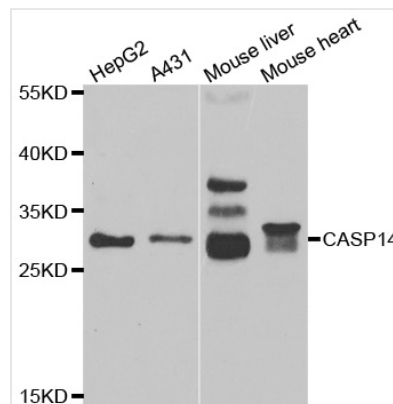
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CASP14 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL 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	242
Applicable Applications for anti-CASP14 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CASP14.
Target Name	CASP14
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using CASP14 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CASP14 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP14 antibody	This gene encodes 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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This caspase has been shown to be processed and activated by caspase 8 and caspase 10 in vitro, and by anti-Fas agonist antibody or TNF-related apoptosis inducing ligand in vivo. The expression and processing of this caspase may be involved in keratinocyte terminal differentiation, which is important for the formation of the skin barrier.
Product Categories/Family for anti-CASP14 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912286
NCBI GeneID	23581
NCBI Accession #	NP_036246.1
NCBI GenBank Nucleotide #	NM_012114.2
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
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/casp14-antibody-immunofluorescence-western-blot-elisa/300996>