

# Rabbit Caspase-14 Polyclonal Antibody | anti-Casp14 antibody

Caspase-14 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA306242 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

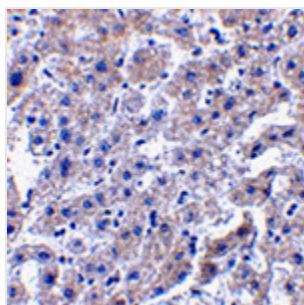
## PRODUCT SYNONYMS

Caspase-14; Polyclonal Antibody; Caspase-14 Antibody; Mini-interleukin-1 converting enzyme; Mini-ICE; MICE; anti-Casp14 antibody

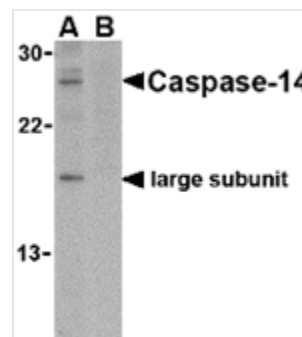
## PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                        |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                 |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                      |
| Clonality                                        | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                              | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                      | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                  | 257                                                                                                                                                                                                    |
| Applicable Applications for anti-Casp14 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                   | Peptide                                                                                                                                                                                                |
| Immunogen Description                            | Raised against a 16 amino acid peptide from near the carboxy terminus of human caspase-14.                                                                                                             |
| Target Name                                      | Caspase-14                                                                                                                                                                                             |
| Preparation and Storage                          | Can be stored at -20 degree C, stable for 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


**IHC (Immunohistochemistry)**

Immunohistochemistry of caspase-14 in human liver tissue with caspase-14 antibody at 2.5 ug/mL.


**WB (Western Blot)**

Western blot analysis of caspase-14 in Jurkat cell lysate in the (A) absence or (B) presence of blocking peptide with caspase-14 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Casp14 antibody | Caspases are a family of cysteine proteases that can be divided into apoptotic and inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens. Members of this subfamily include caspase-1, -4, -5, and -12 and can activate proinflammatory cytokines such as IL-1b and IL-18. Caspase-14 is highly expressed in embryonic but not adult tissues. It is 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 the 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 #                        | 6753280        |
| NCBI GeneID                      | 12365          |
| NCBI Accession #                 | NP_033939      |
| NCBI GenBank Nucleotide #        | NM_009809.5    |
| Molecular Weight                 | 18,224 Da      |
| NCBI Official Full Name          | caspase-14     |
| NCBI Official Synonym Full Names | caspase 14     |
| NCBI Official Symbol             | Casp14         |
| NCBI Official Synonym Symbols    | MICE; mini-ICE |
| NCBI Protein Information         | caspase-14     |
| UniProt Protein Name             | Caspase-14     |
| UniProt Gene Name                | Casp14         |
| UniProt Synonym Gene Names       | CASP-14; MICE  |
| UniProt Entry Name               | CASPE_MOUSE    |

**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/306242>