

Datasheet for ABIN499557
anti-CASP14 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	CASP14
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Caspase-14 antibody was raised against a 16 amino acid peptide from near the carboxy-terminus of human caspase-14.
Isotype:	IgG
Specificity:	This antibody reacts to Caspase-14.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CASP14
Alternative Name:	Caspase-14 (CASP14 Products)

Target Details

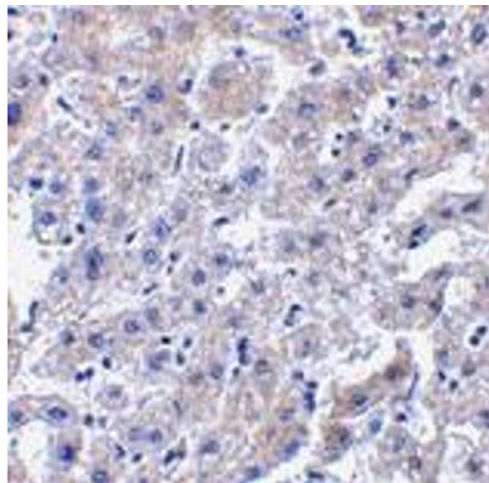
Background:	Caspases are a family of cysteine proteases that can be divided into apoptotic and inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens. 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.Synonyms: CASP-14, CASP14
Gene ID:	12365
NCBI Accession:	NP_033939
UniProt:	O89094

Application Details

Application Notes:	ELISA. Western Blot: Caspase-14 antibody can be used for the detection of caspase-14 at 1 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

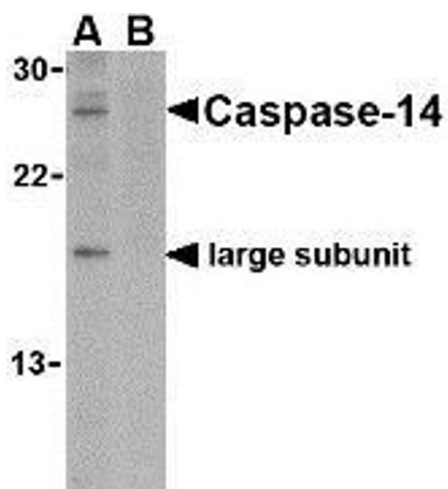
Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of caspase-14 in human liver tissue with caspase-14 antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of caspase-14 in Jurkat cell lysate in the (A) absence or (B) presence of blocking peptide with AP30195PU-N caspase-14 antibody at 1 µg/ml.