

## Product datasheet for **TA306090**

### Caspase 14 (CASP14) Rabbit Polyclonal Antibody

#### Product data:

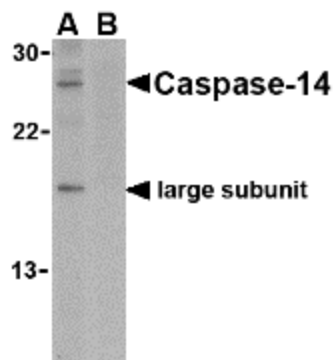
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Caspase-14 antibody was raised against a 16 amino acid peptide from near the carboxy-terminus of human caspase-14.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase 14
Database Link:	<a href="#">ACA63845</a> <a href="#">Entrez Gene 23581 Human</a> <a href="#">P31944</a>
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.



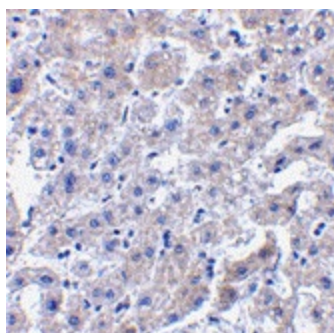
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Synonyms: MGC119078; MGC119079

### Product images:



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.



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