

## Product datasheet for **TA368736S**

### Caspase 14 (CASP14) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat, A431 and A375 cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CASP14
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	28 kDa
Gene Name:	caspase 14
Database Link:	<a href="#">Entrez Gene 23581 Human P31944</a>

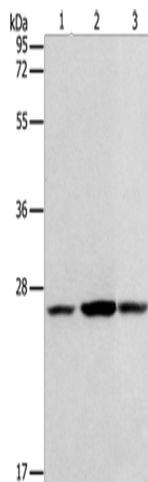
**Background:** This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues 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.

**Synonyms:** CASP-14; MGC119078; MGC119079; MICE



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## Product images:



Gel: 12%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-3: Jurkat cells

A431 cells

A375 cells

Primary antibody: [TA368736] (CASP14 Antibody)  
at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution

Exposure time: 20 seconds