

# Caspase 14 antibody

Catalog No: #22909

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## Description

Product Name	Caspase 14 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 171 and 230 of Caspase 14
Target Name	Caspase 14
Accession No.	NCBI Gene ID: 23581 NCBI mRNA#: NM_012114 NCBI Protein#: NP_036246
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

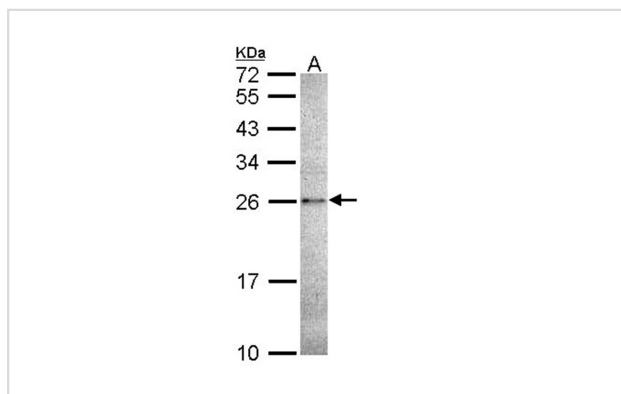
## Application Details

Predicted MW: 28kd

Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

## Images



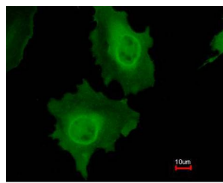
Sample (30 ug of whole cell lysate)

A: A431

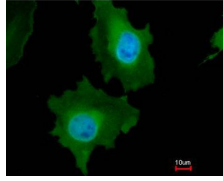
12% SDS PAGE

Primary antibody diluted at 1: 1000

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Caspase 14 antibody at 1: 200 dilution.



Merged with DNA probe



## 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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.