

## CASP14 Antibody

Catalog No: #35572

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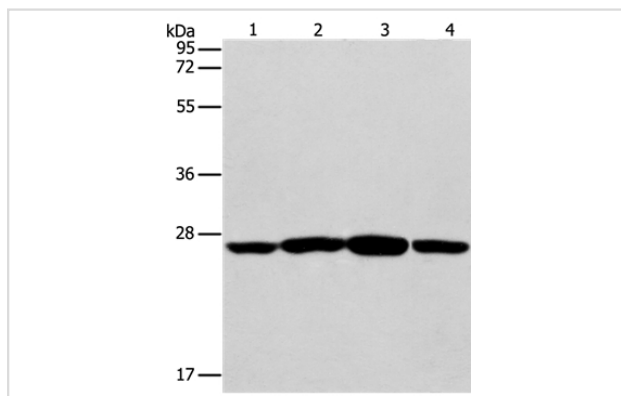
## Description

Product Name	CASP14 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CASP14 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human caspase 14, apoptosis-related cysteine peptidase
Target Name	CASP14
Other Names	CASP-14; CASP14; caspase 14; apoptosis-related cysteine peptidase;
Accession No.	Swiss-Prot#: P31944NCBI Gene ID: 23581Gene Accssion: BC069541
Uniprot	P31944
GeneID	23581;
SDS-PAGE MW	28kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

## Images



Gel: 12%SDS-PAGE

Lysates (from left to right): Jurkat, A431, A549 and A375 cell

Amount of lysate: 40ug per lane

Primary antibody: 1/350 dilution

Secondary antibody dilution: 1/8000

Exposure time: 10 seconds

## 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.

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Note: This product is for in vitro research use only