

## Caspase-14 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP01197
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from Caspase-14 . at AA range: 110-190
Mol wt	27680
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Caspase-14 Antibody
Synonyms	CASP14; Caspase-14; CASP-14

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

CASP14 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. Caspase 14 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 caspase 14 may be involved in keratinocyte terminal differentiation, which is important for the formation of the skin barrier.

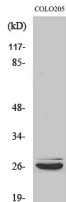
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using Caspase-14 Polyclonal Antibody

### Storage

-20°C for one year