

Recombinant Caspase-14/CASP14 Monoclonal Antibody

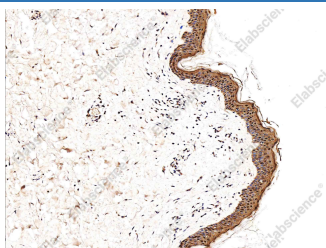
catalog number: **AN300033P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

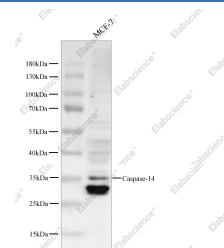
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Caspase-14 / CASP14 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110028
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications	Recommended Dilution
	1:1000-1:5000; IHC-P: 1:100-1:200; ICC/IF: 1:100-1:200; FC: 1:10-1:100; IP: 1:10-1:100

Data

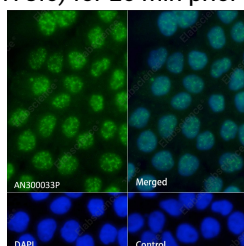


Immunohistochemical analysis of paraffin-embedded Human skin tissue sections using Caspase-14/CASP14 Antibody (AN300033P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of MCF7 cell lysates using Caspase-14/CASP14 Antibody (AN300033P) at a dilution of 1:1500.

Observed-MW:28 kDa
Calculated-MW:28 kDa



Immunofluorescence analysis of A431 cells labelling Caspase-14. Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.7

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, Jul 2008]