

Datasheet for ABIN2617926
anti-CASP14 antibody (AA 223-242)



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Overview

Quantity:	100 µg
Target:	CASP14
Binding Specificity:	AA 223-242
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Caspase-14(223-242aa KARKTNPEIQSTLRKRLYLQ), different from the related rat and mouse sequences by four amino acids.
Isotype:	IgG
Specificity:	Expressed in keratinocytes of adult skin suprabasal layers (from spinous layers to the stratum granulosum and stratum corneum) (at protein level). Expressed in keratinocytes of hair shaft and sebaceous glands (at protein level). In psoriatic skin only expressed at very low levels (PubMed:11175259). The p17/10 mature form is expressed in epidermis stratum corneum, the p20/p8 intermediate form in epidermis upper granular cells of the stratum granulosum (PubMed:22825846). .

Product Details

Cross-Reactivity (Details): No cross reactivity with other proteins.

Purification: Immunogen affinity purified

Target Details

Target: CASP14

Alternative Name: CASP14 / Caspase 14 ([CASP14 Products](#))

Background: Name/Gene ID: CASP14

Subfamily: Cysteine C14

Family: Protease

Synonyms: CASP14, Caspase-14, Caspase 14, MICE, CASP-14

Gene ID: 23581

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂ HPO₄, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.

Preservative: Sodium azide, Thimerosal (Merthiolate)

Precaution of Use: This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.