

Product datasheet

Caspase-14 peptide ab72738

Overview

Product name Caspase-14 peptide

Description

Nature Synthetic

Amino Acid Sequence

Accession [P31944](#)

Specifications

Our [Abpromise guarantee](#) covers the use of **ab72738** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-Caspase-14 antibody ([ab45415](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

PBS pH7.2 (10 mM NaH₂PO₄, 10 mM Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.

General Info

Function Believed to be a non-apoptotic caspase which is involved in epidermal differentiation. Seems to play a role in keratinocyte differentiation and cornification. Probably regulates maturation of the epidermis by proteolytically processing filaggrin.

Tissue 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.

Sequence similarities Belongs to the peptidase C14A family.

Cellular localization Cytoplasm. Nucleus.

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