10320 Camino Santa Fe, Suite G
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KRT28 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16179b

Specification

KRT28 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q7Z3Y7

KRT28 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 162605

Other Names
Keratin, type I cytoskeletal 28, Cytokeratin-28, CK-28, Keratin-25D, K25D, Keratin-28, K28, Type I inner root sheath-specific keratin-K25irs4, KRT28 (HGNC:30842)

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KRT28 Antibody (C-term) Blocking Peptide - Protein Information

Name KRT28 (HGNC:30842)

Function
Essential for the proper assembly of types I and II keratin protein complexes and the formation of keratin intermediate filaments in the inner root sheath (irs).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:A6BLY7}.

Tissue Location
Strongly expressed in skin and scalp, and weak expression observed in thymus. In the hair follicle, expressed in Henle layer, Huxley layer and in the irs cuticle. Expression extends from the bulb region up to the point of differentiation into the three layers Also present in the medulla of beard hair (at protein level)

KRT28 Antibody (C-term) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

KRT28 Antibody (C-term) Blocking Peptide - Images

KRT28 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the type I (acidic) keratinfamily, which belongs to the superfamily of intermediate filament(IF) proteins. Keratins are heteropolymeric structural proteinswhich form the intermediate filament. These filaments, along withactin microfilaments and microtubules, compose the cytoskeleton ofepithelial cells. The type I keratin genes are clustered in aregion of chromosome 17q12-q21.

KRT28 Antibody (C-term) Blocking Peptide - References

Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)Rogers, M.A., et al. Differentiation 72 (9-10), 527-540 (2004) :