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KRTAP1-3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12654c

Specification

KRTAP1-3 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q8IUG1

KRTAP1-3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 81850

Other Names
Keratin-associated protein 1-3, Keratin-associated protein 18, Keratin-associated protein 19, KRTAP1-3

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.

KRTAP1-3 Antibody (Center) Blocking peptide - Protein Information

Name KRTAP1-3

Function
In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin- associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.

Tissue Location
Expressed in the middle/upper portions of the hair cortex, in the region termed the keratogenous zone

KRTAP1-3 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

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KRTAP1-3 Antibody (Center) Blocking peptide - Images

KRTAP1-3 Antibody (Center) Blocking peptide - Background

This protein is a member of the keratin-associated protein(KAP) family. The KAP proteins form a matrix of keratinintermediate filaments which contribute to the structure of hairfibers. KAP family members appear to have unique, family-specificamino- and carboxyl-terminal regions and are subdivided into threemulti-gene families according to amino acid composition: the highsulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs.This protein is a member of the high sulfur KAP family and the geneis localized to a cluster of KAPs at 17q12-q21. [provided byRefSeq].

KRTAP1-3 Antibody (Center) Blocking peptide - References

Shimomura, Y., et al. J. Biol. Chem. 277(47):45493-45501(2002)Rogers, M.A., et al. J. Biol. Chem. 276(22):19440-19451(2001)Zhumabaeva, B.D., et al. Mol. Biol. (Mosk.) 26(4):813-820(1992)