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KRT75 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16811a

Specification

KRT75 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O95678

KRT75 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9119

Other Names
Keratin, type II cytoskeletal 75, Cytokeratin-75, CK-75, Keratin-6 hair follicle, hK6hf, Keratin-75, K75, Type II keratin-K6hf, Type-II keratin Kb18, KRT75, K6HF, KB18

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.

KRT75 Antibody (N-term) Blocking Peptide - Protein Information

Name KRT75

Synonyms K6HF, KB18

Function
Plays a central role in hair and nail formation. Essential component of keratin intermediate filaments in the companion layer of the hair follicle.

Tissue Location
Highly expressed in hair follicles from scalp. Specifically expressed in the of the hair companion layer follicle, a single layered band of flat and vertically oriented cells between the cuboidal outer root sheath (ORS) cells and the inner root sheath (IRS) that stretches from the lowermost bulb region to the isthmus of the follicle. Also expressed in medullated hairs. In nails, it is almost exclusively present in the nail bed (at protein level)

KRT75 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

KRT75 Antibody (N-term) Blocking Peptide - Images

KRT75 Antibody (N-term) Blocking Peptide - Background

This gene is a member of the type II keratin familyclustered on the long arm of chromosome 12. Type I and type IIkeratins heteropolymerize to form intermediate-sized filaments inthe cytoplasm of epithelial cells. This gene is expressed in thecompanion layer, upper germinative matrix region of the hairfollicle, and medulla of the hair shaft. The encoded protein playsan essential role in hair and nail formation. Variations in thisgene have been associated with the hair disorderspseudofolliculitis barbae (PFB) and loose anagen hair syndrome(LAHS).

KRT75 Antibody (N-term) Blocking Peptide - References

Sperling, L.C., et al. J. Cutan. Pathol. 37(2):243-248(2010)Liu, Z.B., et al. Tumori 95(1):53-62(2009)Nofech-Mozes, S., et al. Int. J. Surg. Pathol. 16(4):399-406(2008)Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)Roh, C., et al. Physiol. Genomics 19(2):207-217(2004)