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Hb3 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6651a

Specification

Hb3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P78385

Hb3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 3889

Other Names
Keratin, type II cuticular Hb3, Hair keratin K210, Keratin-83, K83, Type II hair keratin Hb3, Type-II keratin Kb23, KRT83, KRTHB3

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6651a was selected from the N-term region of human Hb3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

Hb3 Antibody (N-term) Blocking Peptide - Protein Information

Name KRT83

Synonyms KRTHB3

Tissue Location
Synthesis begins in the cortex 10-15 cell layers above the apex of the dermal papilla and ends abruptly in the middle of the cortex.

Hb3 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Hb3 Antibody (N-term) Blocking Peptide - Images

Hb3 Antibody (N-term) Blocking Peptide - Background

KRT83 is a member of the keratin family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTHB1 and KRTHB6, is found primarily in the hair cortex.

Hb3 Antibody (N-term) Blocking Peptide - References

Schweizer,J., J. Cell Biol. 174 (2), 169-174 (2006)van Steensel,M.A., J. Med. Genet. 42 (3), E19 (2005)Langbein,L., Int. Rev. Cytol. 243, 1-78 (2005)