

KRT31 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18844a**Specification**

KRT31 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15323](#)**KRT31 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3881**Other Names**

Keratin, type I cuticular Ha1, Hair keratin, type I Ha1, Keratin-31, K31, KRT31, HHA1, HKA1, KRTHA1

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.

KRT31 Antibody (N-term) Blocking Peptide - Protein Information**Name** KRT31**Synonyms** HHA1, HKA1, KRTHA1**Tissue Location**

Present in scalp but not in hairless skin. Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla

KRT31 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KRT31 Antibody (N-term) Blocking Peptide - Images**KRT31 Antibody (N-term) Blocking Peptide - Background**

The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.

KRT31 Antibody (N-term) Blocking Peptide - References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) ; Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006) Lim, J., et al. Cell 125(4):801-814(2006) Cribier, B., et al. J. Invest. Dermatol. 122(5):1078-1083(2004) Langbein, L., et al. J. Biol. Chem. 274(28):19874-19884(1999)