

**KRTAP25-1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12354b****Specification**

---

**KRTAP25-1 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q3LHN0](#)**KRTAP25-1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 100131902**Other Names**

Keratin-associated protein 25-1, KRTAP25-1, KAP251

**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.

**KRTAP25-1 Antibody (C-term) Blocking peptide - Protein Information****Name** KRTAP25-1**Synonyms** KAP25.1**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 (By similarity).

**KRTAP25-1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**KRTAP25-1 Antibody (C-term) Blocking peptide - Images****KRTAP25-1 Antibody (C-term) Blocking peptide - Background**

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 (By similarity).

#### **KRTAP25-1 Antibody (C-term) Blocking peptide - References**

Hattori, M., et al. Nature 405(6784):311-319(2000)