

**KRT74 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14878b****Specification**

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**KRT74 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q7RTS7](#)**KRT74 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 121391**Other Names**

Keratin, type II cytoskeletal 74, Cytokeratin-74, CK-74, Keratin-5c, K5C, Keratin-74, K74, Type II inner root sheath-specific keratin-K6irs4, Type-II keratin Kb37, KRT74, K6IRS4, KB37, KRT5C, KRT6IRS4

**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.

**KRT74 Antibody (C-term) Blocking Peptide - Protein Information****Name** KRT74**Synonyms** K6IRS4, KB37, KRT5C, KRT6IRS4**Function**

Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (Probable).

**Tissue Location**

Highly expressed in hair follicles from scalp. In hair, it is specifically present in the inner root sheath (IRS) of the hair follicle. Present in the IRS Huxley layer, but not in Henle layer or cuticle of the IRS. In the IRS Huxley layer, it is expressed in specialized Huxley cells, termed 'Fluegelzellen, along the area of differentiated Henle cells (at protein level)

**KRT74 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KRT74 Antibody (C-term) Blocking Peptide - Images**

#### **KRT74 Antibody (C-term) Blocking Peptide - Background**

Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This protein belongs to a family of keratins that are specifically expressed in the inner root sheath of hair follicles.

#### **KRT74 Antibody (C-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Shimomura, Y., et al. Am. J. Hum. Genet. 86(4):632-638(2010) Luke, M.M., et al. Stroke 40(2):363-368(2009) Shiffman, D., et al. Arterioscler. Thromb. Vasc. Biol. 28(1):173-179(2008) Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)