

**KRT1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9695c****Specification**

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**KRT1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P04264](#)

**KRT1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 3848

**Other Names**

Keratin, type II cytoskeletal 1, 67 kDa cytokeratin, Cytokeratin-1, CK-1, Hair alpha protein, Keratin-1, K1, Type-II keratin Kb1, KRT1, KRTA

**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.

**KRT1 Antibody (Center) Blocking Peptide - Protein Information**

**Name** KRT1

**Synonyms** KRTA

**Function**

May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK.

**Cellular Location**

Cell membrane. Cytoplasm

**Tissue Location**

The source of this protein is neonatal foreskin. The 67-kDa type II keratins are expressed in terminally differentiating epidermis

**KRT1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KRT1 Antibody (Center) Blocking Peptide - Images**

#### **KRT1 Antibody (Center) Blocking Peptide - Background**

KRT1 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma.

#### **KRT1 Antibody (Center) Blocking Peptide - References**

Labudova, M., et al. J. Virol. 83(16):7842-7849(2009) Barcelos, A.C., et al. J. Cutan. Pathol. 36(6):647-654(2009) Grimberg, G., et al. Br. J. Dermatol. 160(2):446-449(2009)