

**KRT3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16759c****Specification**

---

**KRT3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P12035](#)**KRT3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3850**Other Names**

Keratin, type II cytoskeletal 3, 65 kDa cytokeratin, Cytokeratin-3, CK-3, Keratin-3, K3, Type-II keratin Kb3, KRT3

**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.

**KRT3 Antibody (Center) Blocking Peptide - Protein Information****Name** KRT3**Tissue Location**

Cornea specific.

**KRT3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**KRT3 Antibody (Center) Blocking Peptide - Images****KRT3 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene 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 corneal epithelium with family member KRT12 and mutations in these

genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

### **KRT3 Antibody (Center) Blocking Peptide - References**

Szaflik, J.P., et al. Mol. Vis. 14, 1713-1718 (2008) ; Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006) Chen, Y.T., et al. Cornea 24(8):928-932(2005) Rogers, M.A., et al. J. Invest. Dermatol. 124(3):536-544(2005) Irvine, A.D., et al. Nat. Genet. 16(2):184-187(1997)