

KRT82 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5049c**Specification**

KRT82 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NSB4](#)**KRT82 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3888**Other Names**

Keratin, type II cuticular Hb2, Keratin-82, K82, Type II hair keratin Hb2, Type-II keratin Kb22, KRT82, KRTHB2

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.

KRT82 Antibody (Center) Blocking Peptide - Protein Information**Name** KRT82**Synonyms** KRTHB2**KRT82 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

KRT82 Antibody (Center) Blocking Peptide - Images**KRT82 Antibody (Center) Blocking Peptide - Background**

KRT82 is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in

the hair follicle; this keratin appears to be a hair cuticle-specific keratin.

KRT82 Antibody (Center) 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) Rogers, M.A., et al. J. Invest. Dermatol. 124(3):536-544(2005)