

#### KRT82 Antibody (Center) Blocking Peptide Synthetic peptide

Catalog # BP5049c

# Specification

# KRT82 Antibody (Center) Blocking Peptide - Product Information

Primary Accession

#### <u>Q9NSB4</u>

# 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.

#### <u>Blocking Peptides</u>

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)