

# KERA Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP12617b

# **Specification**

## KERA Antibody (C-term) Blocking peptide - Product Information

Primary Accession

060938

# KERA Antibody (C-term) Blocking peptide - Additional Information

**Gene ID** 11081

#### **Other Names**

Keratocan, KTN, Keratan sulfate proteoglycan keratocan, KERA, SLRR2B

#### **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.

# KERA Antibody (C-term) Blocking peptide - Protein Information

## **Name KERA**

**Synonyms** SLRR2B

#### **Function**

May be important in developing and maintaining corneal transparency and for the structure of the stromal matrix.

#### **Cellular Location**

Secreted, extracellular space, extracellular matrix

### **Tissue Location**

Cornea (at protein level) (PubMed:10802664, PubMed:11683372). Increased expression in the stroma of keratoconus corneas (PubMed:11683372). Also detected in trachea, and in low levels, in intestine, skeletal muscle, ovary, lung and putamen (PubMed:10802664).

# KERA Antibody (C-term) Blocking peptide - Protocols

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



# • Blocking Peptides

## KERA Antibody (C-term) Blocking peptide - Images

# KERA Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a keratan sulfateproteoglycan that is involved in corneal transparency. Defects inthis gene are a cause of autosomal recessive cornea plana 2 (CNA2).

# KERA Antibody (C-term) Blocking peptide - References

Aldave, A.J., et al. Invest. Ophthalmol. Vis. Sci. 51(8):4006-4012(2010)Dimasi, D.P., et al. Mol. Vis. 16, 562-569 (2010):Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009):Melrose, J., et al. Arthritis Res. Ther. 10 (4), R79 (2008):Liskova, P., et al. Mol. Vis. 13, 1339-1347 (2007):