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KERA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12617b

Specification

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

Primary Accession O60938

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) :