

LRRC26 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16312b**Specification**

LRRC26 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q2I0M4](#)**LRRC26 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 389816**Other Names**

Leucine-rich repeat-containing protein 26, BK channel auxiliary gamma subunit LRRC26, Cytokeratin-associated protein in cancer, LRRC26, CAPC

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.

LRRC26 Antibody (C-term) Blocking Peptide - Protein Information**Name** LRRC26**Synonyms** CAPC**Function**

Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Required for the conversion of BK alpha channels from a high-voltage to a low-voltage activated channel type in non-excitabile cells. These are characterized by negative membrane voltages and constant low levels of calcium.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cytoplasm, cytoskeleton. Note=Localizes to the cytoplasm when expressed at high levels.

Tissue Location

Isoform 1 is expressed highly in normal prostate and salivary gland, very weakly in colon, pancreas, and intestine, and not at all in other tissues. Isoform 1 is expressed highly in many cancer cell lines and in breast cancer, pancreatic cancer and colon cancer. Isoform 2 is expressed in cancer cell lines

LRRC26 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

LRRC26 Antibody (C-term) Blocking Peptide - Images**LRRC26 Antibody (C-term) Blocking Peptide - Background**

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LRRC26 Antibody (C-term) Blocking Peptide - References

Yan, J., et al. Nature 466(7305):513-516(2010)Anaganti, S., et al. Biochem. Biophys. Res. Commun. 380(3):508-513(2009)Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)Egland, K.A., et al. Proc. Natl. Acad. Sci. U.S.A. 103(15):5929-5934(2006)