

KCNK16 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP17824b

Specification

KCNK16 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession

Q96T55

KCNK16 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 83795

Other Names

Potassium channel subfamily K member 16, 2P domain potassium channel Talk-1, TWIK-related alkaline pH-activated K(+) channel 1, TALK-1, KCNK16, TALK1

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.

KCNK16 Antibody (C-term) Blocking Peptide - Protein Information

Name KCNK16

Synonyms TALK1

Function

Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Highly expressed in pancreas. Not detectable in the other tissues tested.

KCNK16 Antibody (C-term) Blocking Peptide - Protocols

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



• Blocking Peptides

KCNK16 Antibody (C-term) Blocking Peptide - Images

KCNK16 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene belongs to the family ofpotassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outwardcurrent under physiological K+ concentrations. This gene isexpressed predominantly in the pancreas and is activated atalkaline pH. Several alternatively spliced transcript variantsencoding different isoforms have been identified for this gene.

KCNK16 Antibody (C-term) Blocking Peptide - References

Gierten, J., et al. Br. J. Pharmacol. 154(8):1680-1690(2008)Goldstein, S.A., et al. Pharmacol. Rev. 57(4):527-540(2005)Mungall, A.J., et al. Nature 425(6960):805-811(2003)Han, J., et al. Am. J. Physiol., Cell Physiol. 285 (3), C529-C538 (2003):Girard, C., et al. Biochem. Biophys. Res. Commun. 282(1):249-256(2001)