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# 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)