

**KCNK6 Antibody(C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP19580b****Specification**

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**KCNK6 Antibody(C-term) Blocking peptide - Product Information**

Primary Accession [Q9Y257](#)

**KCNK6 Antibody(C-term) Blocking peptide - Additional Information**

**Gene ID** 9424

**Other Names**

Potassium channel subfamily K member 6, Inward rectifying potassium channel protein TWIK-2, TWIK-originated similarity sequence, KCNK6, TOSS, TWIK2

**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.

**KCNK6 Antibody(C-term) Blocking peptide - Protein Information**

**Name** KCNK6

**Synonyms** TOSS, TWIK2

**Function**

Exhibits outward rectification in a physiological K(+) gradient and mild inward rectification in symmetrical K(+) conditions.

**Cellular Location**

Membrane; Multi-pass membrane protein

**Tissue Location**

Widespread expression, detected in all tissues tested except for skeletal muscle. Strongest expression in placenta, pancreas, heart, colon and spleen, lower levels detected in peripheral blood leukocytes, lung, liver, kidney and thymus. Lowest expression detected in brain

**KCNK6 Antibody(C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KCNK6 Antibody(C-term) Blocking peptide - Images**

#### **KCNK6 Antibody(C-term) Blocking peptide - Background**

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics. [provided by RefSeq].

#### **KCNK6 Antibody(C-term) Blocking peptide - References**

Sebastiani, P., et al. Am. J. Hematol. 85(1):29-35(2010) Gierten, J., et al. Br. J. Pharmacol. 154(8):1680-1690(2008) Goldstein, S.A., et al. Pharmacol. Rev. 57(4):527-540(2005) Mhatre, A.N., et al. J. Neurosci. Res. 75(1):25-31(2004) Goldstein, S.A., et al. Nat. Rev. Neurosci. 2(3):175-184(2001)