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KCNK7 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5801b

Specification

KCNK7 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q9Y2U2
Other Accession	NP_005705.1

KCNK7 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 10089

Other Names
Potassium channel subfamily K member 7, KCNK7

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.

KCNK7 Antibody (C-term) Blocking peptide - Protein Information

Name KCNK7

Function
Probable potassium channel subunit. No channel activity observed in vitro as protein remains in the endoplasmic reticulum. May need to associate with an as yet unknown partner in order to reach the plasma membrane.

Cellular Location
Membrane; Multi-pass membrane protein

KCNK7 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

KCNK7 Antibody (C-term) Blocking peptide - Images

KCNK7 Antibody (C-term) Blocking peptide - Background

KCNK7 is a member of the superfamily of potassiumchannel proteins containing two pore-forming P domains. The productof this gene has not been shown to be a functional channel;however, it may require other non-pore-forming proteins foractivity. Multiple transcript variants encoding different isoformshave been found for this gene.

KCNK7 Antibody (C-term) Blocking peptide - References

Goldstein, S.A., et al. Pharmacol. Rev. 57(4):527-540(2005)Goldstein, S.A., et al. Nat. Rev. Neurosci. 2(3):175-184(2001)Medhurst, A.D., et al. Brain Res. Mol. Brain Res. 86 (1-2), 101-114 (2001) :Salinas, M., et al. J. Biol. Chem. 274(17):11751-11760(1999)