10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KCNG2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18984c

Specification

KCNG2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9UJ96

KCNG2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 26251

Other Names
Potassium voltage-gated channel subfamily G member 2, Cardiac potassium channel subunit, Voltage-gated potassium channel subunit Kv62, KCNG2, KCNF2

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.

KCNG2 Antibody (Center) Blocking Peptide - Protein Information

Name KCNG2

Synonyms KCNF2

Function
Potassium channel subunit. Modulates channel activity by shifting the threshold and the half-maximal activation to more negative values.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Highly expressed in heart, liver, skeletal muscle, kidney and pancreas. Detected at low levels in brain, lung and placenta

KCNG2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

KCNG2 Antibody (Center) Blocking Peptide - Images

KCNG2 Antibody (Center) Blocking Peptide - Background

Voltage-gated potassium (Kv) channels represent the mostcomplex class of voltage-gated ion channels from both functionaland structural standpoints. Their diverse functions includeregulating neurotransmitter release, heart rate, insulin secretion,neuronal excitability, epithelial electrolyte transport, smoothmuscle contraction, and cell volume. This gene encodes a member ofthe potassium channel, voltage-gated, subfamily G. This member is agamma subunit of the voltage-gated potassium channel. Thedelayed-rectifier type channels containing this subunit maycontribute to cardiac action potential repolarization. [provided byRefSeq].

KCNG2 Antibody (Center) Blocking Peptide - References

Gutman, G.A., et al. Pharmacol. Rev. 57(4):473-508(2005)Zhu, X.R., et al. Recept. Channels 6(5):337-350(1999)