

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**KCNG2 Antibody (Center) Blocking Peptide - Background**

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit of the voltage-gated potassium channel. The delayed-rectifier type channels containing this subunit may contribute to cardiac action potential repolarization. [provided by RefSeq].

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)

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](#)