

KCNF1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17981c**Specification**

KCNF1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9H3M0](#)**KCNF1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3754**Other Names**

Potassium voltage-gated channel subfamily F member 1, Voltage-gated potassium channel subunit Kv51, kH1, KCNF1

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.

KCNF1 Antibody (Center) Blocking Peptide - Protein Information**Name** KCNF1**Function**

Putative voltage-gated potassium channel.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Detected in heart, brain, liver, skeletal muscle, kidney and pancreas

KCNF1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KCNF1 Antibody (Center) Blocking Peptide - Images

KCNF1 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 F. This gene is intronless and expressed in all tissues tested, including the heart, skeletal muscle, brain, kidney, and pancreas. [provided by RefSeq].

KCNF1 Antibody (Center) Blocking Peptide - References

Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010) Gutman, G.A., et al. Pharmacol. Rev. 57(4):473-508(2005) Ottuschytsch, N., et al. Proc. Natl. Acad. Sci. U.S.A. 99(12):7986-7991(2002) Su, K., et al. Biochem. Biophys. Res. Commun. 241(3):675-681(1997)