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

KCNJ6 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5852c

Specification

KCNJ6 Antibody (Center) Blocking peptide - Product Information

Primary Accession	P48051
Other Accession	NP_002231.1

KCNJ6 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3763

Other Names
G protein-activated inward rectifier potassium channel 2, GIRK-2, BIR1, Inward rectifier K(+) channel Kir32, KATP-2, Potassium channel, inwardly rectifying subfamily J member 6, KCNJ6, GIRK2, KATP2, KCNJ7

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.

KCNJ6 Antibody (Center) Blocking peptide - Protein Information

Name KCNJ6

Synonyms GIRK2, KATP2, KCNJ7

Function
This potassium channel may be involved in the regulation of insulin secretion by glucose and/or neurotransmitters acting through G- protein-coupled receptors. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium.

Cellular Location
Membrane; Multi-pass membrane protein.

Tissue Location
Most abundant in cerebellum, and to a lesser degree in islets and exocrine pancreas

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KCNJ6 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

KCNJ6 Antibody (Center) Blocking peptide - Images