
KCNB2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253167

Unit: 0.1 ml

Description:

Voltage-gated K⁺ channels are important determinants of neuronal membrane excitability. Moreover, differences in K⁺ channel expression patterns and densities contribute to the variations in action potential waveforms and repetitive firing patterns evident in different neuronal cell types. The delayed rectifier-type (IK) channels (Kv1.5, Kv2.1, and Kv2.2) are expressed on all neuronal somata and proximal dendrites and are also found in a wide variety of non-neuronal cells types including pancreatic islets, alveolar cells and cardiac myocytes. Kv2.1 and Kv2.2 form distinct populations of K⁺ channels and these subunits are thought to be primarily responsible for IK in superior cervical ganglion cells.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Potassium voltage-gated channel subfamily B member 2; CDRK; Voltage-gated potassium channel subunit Kv2.2; Kcnb2

Accession No.: Q63099

Antigen: KLH-conjugated peptide encompassing a sequence within rat Kv2.2.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IHC: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.