
KCNC1 (Ser503) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252574

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 Kv3.1 potassium channel is expressed at high levels in neurons that characteristically fire rapid trains of action potentials. Particularly high levels of this channel are found in neurons of the auditory brainstem. These neurons appear to participate in neural circuits that determine the intensity and timing of auditory stimuli and use this information to determine the location of sounds in space.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: M, R

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: NGK2; RAW2; Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4

Accession No.: P25122

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser503 of rat Kv3.1 Subunit.

Application Notes: E: 1:1,000; IHC: 1:1,000; WB: 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.