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Anti-Human/Mouse/Rat KCNA10 Polyclonal Antibody

多克隆抗体

产品货号: PA04323

第三版

描述:KCNA10 (Potassium Voltage-Gated Channel Subfamily A Member 10) is a Protein Coding gene. Among its related pathways are Potassium Channels and Transmission across Chemical Synapses. GO annotations related to this gene include ion channel activity and intracellular cyclic nucleotide activated cation channel activity. An important paralog of this gene is KCNA4. Potassium 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. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shaker-related subfamily. This member contains six membrane-spanning domains with a shaker-type repeat in the fourth segment. It is specifically regulated by cGMP and postulated to mediate the effects of substances that increase intracellular cGMP. This gene is intronless, and the gene is clustered with genes KCNA2 and KCNA3 on chromosome 1.

抗原:Synthetic Peptide

配方:

如何使用:加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液:PBS (pH7.4) , 1% BSA

应用:WB 1 ~ 5 μ g/ml.

特异性:Detected in kidney, in proximal tubules, glomerular endothelium, in vascular endothelium and in smooth muscle cells.