

KCND3 Rabbit pAb

货号: AYP12225

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Rattus norvegicus WB: Mus musculus
应用	WB IHC
推荐浓度	WB: 1:100 - 1:500 IHC: 1:50 - 1:200
理论分子量	71kDa/73kDa
实测分子量	73KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,SH-SY5Y,Mouse heart,Rat heart
细胞定位	Cell membrane,Cell projection,Membrane,Multi-pass membrane protein,dendrite,sarcolemma
纯化	Affinity purification

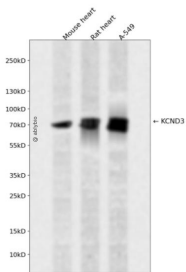
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 502-636 of human KCND3 (NP_751948.1).
序列	MESSMQNYPSTRSPSLSSHPLTTTCCSRRSKKTHLPNSNLPATRLRSMQELSTIHIQGSEQPSLTTSRSSLNLKADDGL RPNCKTSQITTAIISIPTPPALTPEGESRPPASPGPNTNIPSIASNVVKVSAL

靶点信息

研究背景	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. 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, shal-related subfamily, members of which form voltage-activated A-type potassium ion channels and are prominent in the repolarization phase of the action potential. This member includes two isoforms with different sizes, which are encoded by alternatively spliced transcript variants of this gene.
基因ID	3752
基因名	KCND3
Swiss	Q9UK17
别名	KCND3;BRGDA9;KCND3L;KCND3S;KSHIVB;KV4.3;SCA19;SCA22

产品验证



Western blot analysis of KCND3 expressed in Mouse heart,Rat heart,A-549 using KCND3 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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