

— ABLYBIO, Help Your Research



KCNA4 Rabbit pAb

货号: **AYP13730**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Rattus norvegicus
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	73kDa
实测分子量	71kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat brain
细胞定位	Cell membrane,Cell projection,Multi-pass membrane protein,axon
纯化	Affinity purification

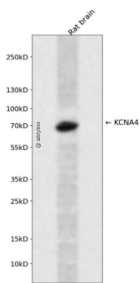
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human KCNA4 (NP_002224.1).
------	--

靶点信息

研究背景	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 belongs to the A-type potassium current class, the members of which may be important in the regulation of the fast repolarizing phase of action potentials in heart and thus may influence the duration of cardiac action potential.
基因ID	3739
基因名	KCNA4
Swiss	P22459 (https://www.uniprot.org/uniprotkb/P22459/entry)
别名	KCNA4,HBK4,HK1,HPCN2,HUKII,KCNA4L,KCNA8,KV1.4,PCN2,KCNA4 Rabbit pAb,Voltage-gated K(+) channel HuKII,Voltage-gated potassium channel HBK4,Voltage-gated potassium channel HK1,Voltage-gated potassium channel subunit Kv1.4

产品验证



Western blot analysis of KCNA4 expressed in Rat brain using KCNA4 Rabbit pAb at 1:1000. Secondary anti body: 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)