

KCNAB1 Rabbit pAb

货号: **AYP18498**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:200 - 1:2000
理论分子量	44kDa/45kDa/46kDa
实测分子量	45-50kDa
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	U-251MG,293T,Mouse brain,Mouse kidney,Mouse heart,Rat brain
细胞定位	Cell membrane,Cytoplasm,Cytoplasmic side,Membrane,Peripheral membrane protein
纯化	Affinity purification

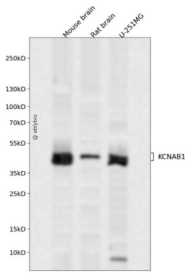
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 282-401 of human KCNAB1 (NP_751891.1).
序列	CGIISGKYGNVPESSRASLKCYQWLKERIVSEEGRKQQNKLKDLSPAERLGCTLPQLAVAWCLRNEGVS SVLLGSSTPEQLIENLGAIQVLPKMTSHVVNEIDNLRNKPYSKKDYRS

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 includes distinct isoforms which are encoded by alternatively spliced transcript variants of this gene. Some of these isoforms are beta subunits, which form heteromultimeric complexes with alpha subunits and modulate the activity of the pore-forming alpha subunits.
基因ID	7881
基因名	KCNAB1
Swiss	Q14722
别名	KCNAB1;AKR6A3;KCNA1B;KV-BETA-1;Kvb1.3;hKvBeta3;hKvb3

产品验证



Western blot analysis of KCNAB1 expressed in Mouse brain, Rat brain, U-251MG using KCNAB1 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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