— ABLYBIO, Help Your Research

KCNAB2 Rabbit pAb

货号: AYP15127

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:1000 **IF/ICC:** 1:50 - 1:200
理论分子量	33kDa/39kDa/41kDa/43kDa/46kDa
实测分子量	45KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse eye,Mouse lung,Rat lung
细胞定位	cytoskeleton,cytosol,pinceau fiber,plasma membrane,synapse
纯化	Affinity purification

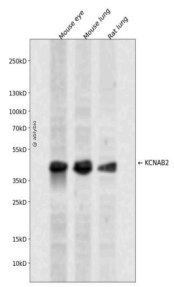
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-40 of human KCNAB2 (NP_003627.1).

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, shaker-related subfamily. This member is one of the beta subunits, which are auxiliary proteins associating with functional Kv-alpha subunits. This member alters functional properties of the KCNA4 gene product. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.
基因ID	8514
基因名	KCNAB2
Swiss	Q13303 (https://www.uniprot.org/uniprotkb/Q13303/entry)
别名	KCNAB2,AKR6A5,HKvbeta2,HKvbeta2.1,HKvbeta2.2,KCNA2B,KV-BETA-2,KCNAB2 Rabbit pAb,K(+) channel subunit beta-2,KCNK2

产品验证



Western blot analysis of KCNAB2 expressed in Mouse eye,Mouse lung,Rat lung using KCNAB2 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

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