

— ABLYBIO, Help Your Research



KCNJ4 Rabbit pAb

货号: **AYP10900**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	49kDa
实测分子量	49kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SKOV3,Mouse skeletal muscle,Rat kidney
细胞定位	Cell junction,Cell membrane,Cytoplasmic vesicle membrane,Multi-pass membrane protein,postsynaptic cell membrane,synapse
纯化	Affinity purification

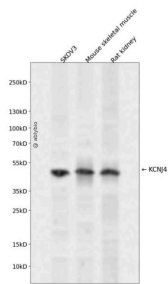
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human KCNJ4 (NP_004972.1).
------	---

靶点信息

研究背景	Several different potassium channels are known to be involved with electrical signaling in the nervous system. One class is activated by depolarization whereas a second class is not. The latter are referred to as inwardly rectifying K ⁺ channels, and they have a greater tendency to allow potassium to flow into the cell rather than out of it. This asymmetry in potassium ion conductance plays a key role in the excitability of muscle cells and neurons. The protein encoded by this gene is an integral membrane protein and member of the inward rectifier potassium channel family. The encoded protein has a small unitary conductance compared to other members of this protein family. Two transcript variants encoding the same protein have been found for this gene.
基因ID	3761
基因名	KCNJ4
Swiss	P48050 (https://www.uniprot.org/uniprotkb/P48050/entry)
别名	KCNJ4,HIR,HIRK2,HRK1,IRK-3,IRK3,Kir2.3,KCNJ4 Rabbit pAb,Hippocampal inward rectifier,Inward rectifier K (+) channel Kir2.3,Potassium channel,inwardly rectifying subfamily J member 4

产品验证



Western blot analysis of KCNJ4 expressed in SKOV3, Mouse skeletal muscle, Rat kidney using KCNJ4 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>)