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CACNA1B Rabbit pAb

货号: AYP17805

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	251kDa/262kDa
实测分子量	262kDa
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	U-87MG
细胞定位	plasma membrane,synapse
纯化	Affinity purification

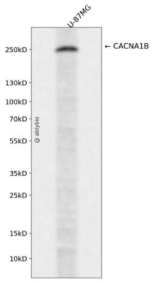
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 2200 to the C-terminus of human CACNA1B (NP_000709.1).

靶点信息

研究背景	The protein encoded by this gene is the pore-forming subunit of an N-type voltage-dependent calcium channel, which controls neurotransmitter release from neurons. The encoded protein forms a complex with alpha-2, beta, and delta subunits to form the high-voltage activated channel. This channel is sensitive to omega-conotoxin-GVIA and omega-agatoxin-IIIA but insensitive to dihydropyridines. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	774
基因名	CACNA1B
Swiss	Q00975 (https://www.uniprot.org/uniprotkb/Q00975/entry)
别名	CACNA1B,BIII,CACNL1A5,CACNN,Cav2.2,DYT23,CACNA1B Rabbit pAb,Brain calcium channel III,Calcium channel,L type,alpha-1 polypeptide isoform 5,Voltage-gated calcium channel subunit alpha Cav2.2,CACH5

产品验证



Western blot analysis of CACNA1B expressed in U-87MG using CACNA1B 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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