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CACNA1D Rabbit pAb

货号: AYP12715

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	187kDa/242kDa/245kDa/247kDa
实测分子量	245kDa
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	Rat kidney
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

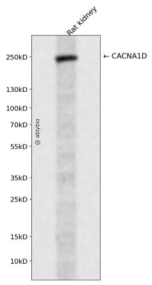
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1882-2181 of human CACNA1D (NP_000711.1).

靶点信息

研究背景	Voltage-dependent calcium channels mediate the entry of calcium ions into excitable cells, and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	776
基因名	CACNA1D
Swiss	Q01668 (https://www.uniprot.org/uniprotkb/Q01668/entry)
别名	CACNA1D,CACH3,CACN4,CACNL1A2,CCHL1A2,Cav1.3,PASNA,SANDD,CACNA1D Rabbit pAb,Calcium channel,L type,alpha-1 polypeptide,isoform 2,Voltage-gated calcium channel subunit alpha Cav1.3

产品验证



Western blot analysis of CACNA1D expressed in Rat kidney using CACNA1D 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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