

CACNA1C Rabbit Polyclonal Antibody

Catalog# UZ-PA02019

Product information

产品货号	UZ-PA02019
别名	Voltage-dependent L-type calcium channel subunit alpha-1C (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle; Voltage-gated calcium channel subunit alpha Cav1.2); CACH2; CACN2; CACNL1A1; CCHL1A1
产品名称	CACNA1C Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CACNA1C
推荐应用	WB, ELISA
反应种属	Human, Rat, Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	775
Human Swissprot No.	Q13936
免疫原	Synthesized peptide derived from human CACNA1C AA range: 1100-1180
稀释度	WB 1:1000-2000, ELISA 1:5000-20000
参考分子量	244kDa
预测分子量	160-240kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	calcium voltage-gated channel subunit alpha1 C(CACNA1C) Homo sapiens This gene encodes an alpha-1 subunit of a voltage-dependent calcium channel. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization. The alpha-1 subunit consists of 24 transmembrane segments and forms the pore through which ions pass into the cell. The calcium channel consists of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. There are multiple isoforms of each of these proteins, either encoded by different genes or the result of alternative splicing of transcripts. The protein encoded by this gene binds to and is inhibited by dihydropyridine. Alternative splicing results in many transcript variants encoding different proteins. Some of the predicted proteins may not produce functional ion channel subunits. [provided by RefSeq, Oct 2012],
细胞定位	Cell membrane ; Multi-pass membrane protein . Cell membrane, sarcolemma ; Multi-pass membrane protein . Perikaryon . Cell junction, synapse, postsynaptic density membrane . Cell projection, dendrite . Cell membrane, sarcolemma, T-tubule . Colocalizes with ryanodine receptors in distinct clusters at the junctional membrane, where the sarcolemma and the sarcoplasmic reticulum are in close contact. The interaction between RRAD and CACNB2 promotes the expression of CACNA1C at the cell membrane. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal