

CACB4 Rabbit Polyclonal Antibody

Catalog# UZ-PA02017

Product information

产品货号	UZ-PA02017
别名	CACNLB4
产品名称	CACB4 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CACNB4
推荐应用	WB,ELISA
反应种属	Human,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	785
Human Swissprot No.	O00305
免疫原	Synthesized peptide derived from human protein . at AA range: 160-240
稀释度	WB 1:500-2000, ELISA 1:5000-20000
预测分子量	57kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene encodes a member of the beta subunit family of voltage-dependent calcium channel complex proteins. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. The protein encoded by this locus plays an important role in calcium channel function by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Certain mutations in this gene have been associated with idiopathic generalized epilepsy (IGE), juvenile myoclonic epilepsy (JME), and episodic ataxia, type 5. [provided by RefSeq, Apr 2013]
细胞定位	cytosol,plasma membrane,voltage-gated calcium channel complex,cytoplasmic side of plasma membrane,synapse,
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal