



CACB1 rabbit pAb

Catalog No	BYab-11310
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	CACNB1 CACNLB1
Protein Name	CACB1
Immunogen	Synthesized peptide derived from human CACB1 AA range: 79-129
Specificity	This antibody detects endogenous levels of CACB1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell membrane, sarcolemma ; Peripheral membrane protein ; Cytoplasmic side . Cell membrane ; Peripheral membrane protein .
Tissue Specificity	Detected in heart ventricle (at protein level) (PubMed:15615847). Isoform 1 and isoform 3 are expressed in brain, heart, spleen, central nervous system and neuroblastoma cells. Isoform 2 is expressed in skeletal muscle.
Function	function: The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting., similarity: Belongs to the calcium channel beta subunit family., similarity: Contains 1 SH3 domain., subunit: The L-type calcium channel is composed of four subunits: alpha-1, alpha-2, beta and gamma. Interacts with JSRP1., tissue specificity: Expressed in brain, heart and spleen (isoform 1 and 3) and in skeletal muscle (isoform 2).,

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Background

The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel 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. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008],

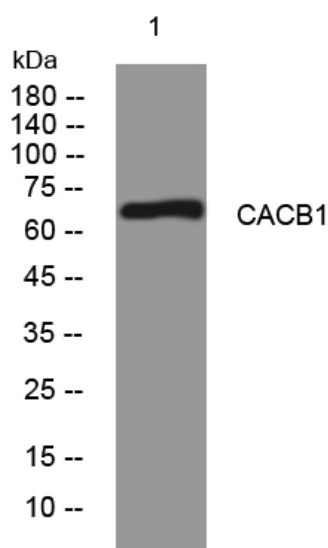
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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