



Anti-CACNB1 polyclonal antibody (DPAB-DC2089)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	may act as a regulatory component of a neuronal calcium channel [RGD, Feb 2006]
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to rat Cacnb1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (0.08% sodium azide)
Preservative	0.08% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Cacnb1 calcium channel, voltage-dependent, beta 1 subunit [Rattus norvegicus (Norway rat)]
Official Symbol	CACNB1

Synonyms	CACNB1; calcium channel, voltage-dependent, beta 1 subunit; voltage-dependent L-type calcium channel subunit beta-1; CAB1; calcium channel beta 1 subunit; brain calcium channel beta 1 subunit; calcium channel voltage-dependent subunit beta 1;
Entrez Gene ID	50688
Protein Refseq	NP_059042
UniProt ID	P54283
Chromosome Location	10q31
Pathway	Adrenaline,noradrenaline inhibits insulin secretion; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Cardiac muscle contraction; Hypertrophic cardiomyopathy (HCM)
Function	high voltage-gated calcium channel activity; phosphoprotein binding; protein binding; protein domain specific binding