



Anti-CACNB4 polyclonal antibody (DPAB-DC2658)

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

PRODUCT INFORMATION

Antigen Description	calcium channel subunit that plays a role in regulating the conductance of L-type voltage gated calcium channels [RGD, Feb 2006]
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to rat Cacnb4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate),
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	Cacnb4 calcium channel, voltage-dependent, beta 4 subunit [Rattus norvegicus (Norway rat)]
Official Symbol	CACNB4

Synonyms	CACNB4; calcium channel, voltage-dependent, beta 4 subunit; voltage-dependent L-type calcium channel subunit beta-4; calcium channel beta 4 subunit;
Entrez Gene ID	58942
Protein Refseq	NP_001099203
UniProt ID	D4A055
Chromosome Location	3q12
Pathway	Adrenergic signaling in cardiomyocytes; Axon guidance; Depolarization of the Presynaptic Terminal Triggers the Opening of Calcium Channels; Dilated cardiomyopathy
Function	high voltage-gated calcium channel activity; contributes_to high voltage-gated calcium channel activity; protein kinase binding; voltage-gated calcium channel activity
