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Datasheet for ABIN7175601  
**anti-CACNB4 antibody (AA 1-217) (Biotin)**

### Overview

Quantity:	100 µg
Target:	CACNB4
Binding Specificity:	AA 1-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNB4 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Voltage-dependent L-type calcium channel subunit beta-4 protein (1-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	CACNB4
Alternative Name:	CACNB4 ( <a href="#">CACNB4 Products</a> )
Background:	Background: The beta subunit of voltage-dependent calcium channels contributes to the

## Target Details

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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.

Aliases: CAB4 antibody, CACB4\_HUMAN antibody, Cacnb4 antibody, CACNLB4 antibody, Calcium channel voltage dependent beta 4 subunit antibody, Calcium channel voltage dependent subunit beta 4 antibody, Calcium channel voltage-dependent subunit beta 4 antibody, Dihydropyridine sensitive L type calcium channel beta 4 subunit antibody, EA5 antibody, EIG9 antibody, EJM antibody, EJM4 antibody, EJM6 antibody, Voltage-dependent L-type calcium channel subunit beta-4 antibody

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UniProt: [O00305](#)

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Pathways: [cAMP Metabolic Process](#), [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.