

Datasheet for ABIN334367

anti-CACNB4 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CACNB4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CACNB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CACNB4 (internal)
Immunogen:	Peptide with sequence C-DYPDSYQDTYKPH, from the internal region (near the C Terminus) of the protein sequence according to NP_001005747.1, NP_000717.2, NP_001005746.1.
Sequence:	DYPDSYQDTY KPH
Isotype:	IgG
Specificity:	This antibody is expected to recognise all three reported isoforms (NP_001005747.1, NP_000717.2, NP_001005746.1).
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	CACNB4
Alternative Name:	CACNB4 (CACNB4 Products)
Background:	CACNB4, calcium channel, voltage-dependent, beta 4 subunit, CAB4, CACNLB4, EA5, EJM , dihydropyridine-sensitive L-type, calcium channel beta-4 subunit, voltage dependent calcium channel beta 4 subunit
Gene ID:	785, 12298, 58942
NCBI Accession:	NP_001005747 , NP_000717 , NP_001005746
Pathways:	cAMP Metabolic Process , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western Blot: Approx 55-60 kDa band observed in Human Bone Marrow lysates (calculated MW of 54.7 kDa according to NP_001005747.1 and 58.2 kDa according to NP_000717.2). Recommended concentration: 0.2-0.6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Image 1. ABIN334367 (0.2µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.