

Datasheet for ABIN185326
anti-CACNB4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	CACNB4 (C terminus)
Immunogen:	Peptide with sequence CSPGGYSHDSRHRL, from the C Terminus of the protein sequence according to NP_001005747.1, NP_000717.2, NP_001005746.1.
Sequence:	CSPGGYSHDS RHRL
Isotype:	IgG
Specificity:	This antibody is expected to recognise all reported protein isoforms of human CACNB4 (NP_001005747.1, NP_000717.2, NP_001005746.1,)
Predicted Reactivity:	Human, Mouse, Rat, Pig
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, CAB4, CACNLB4, calcium channel, voltage-dependent, beta 4 subunit, dihydropyridine-sensitive L-type, calcium channel beta-4 subunit, EA5, EIG9, EJM, EJM4, EJM6, OTTHUMP00000207247, OTTHUMP00000207249

Gene ID: 785

NCBI Accession: [NP_001005747](#), [NP_000717](#), [NP_001005746](#)

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

Application Details

Application Notes: DS WB Results: Approx 60+55 kDa bands observed in Human Bone Marrow lysates (calculated MW of 58.2 kDa according to NP_000717.2 and 54.7 kDa according to NP_001005747.1).
Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour.
Peptide ELISA: antibody detection limit dilution 1:8000.

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.



Western Blotting

Image 1. ABIN185326 (0.2µg/ml) staining of human bone marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.