



CACNB4 Antibody

CATALOG NUMBER: 45-352



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

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:4000. Western Blot: Approx 55-60kDa band observed in Human Bone Marrow lysates (calculated MW of 54.7kDa according to NP_001005747.1 and 58.2kDa according to NP_000717.2). Recommended concentration: 0.2-0.6 ug/ml.
POSITIVE CONTROL:	1) Human Bone Marrow Lysate
SPECIFICITY:	This antibody is expected to recognise all three reported isoforms (NP_001005747.1; NP_000717.2; NP_001005746.1).
IMMUNOGEN:	CACNB4 antibody was raised against a 13 amino acid synthetic peptide near the internal region (near the C-Terminus) of CACNB4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	CACNB4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	CACNB4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	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
ACCESSION NO.:	NP_001005747.1, NP_000717.2, NP_001005746.1

PROTEIN GI NO.: 54607068

OFFICIAL SYMBOL: CACNB4

GENE ID: 785

Background

REFERENCES: 1) Escayg A, Jones JM, Kearney JA, Hitchcock PF, Meisler MH. Calcium channel beta 4 (CACNB4): human ortholog of the mouse epilepsy gene lethargic. Genomics. 1998 May 15;50(1):14-22.

FOR RESEARCH USE ONLY

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