

Product Datasheet

CACNB4 Antibody NB100-1485

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1485**CACNB4 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Host	Goat
Gene ID	785
Gene Symbol	CACNB4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all reported protein isoforms of human CACNB4 (NP_001005747.1; NP_000717.2; NP_001005746.1;)
Immunogen	Peptide with sequence CSPGGYSHDSRHRL corresponding to C-Terminus according to NP_000717.2, NP_001005746.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Approx. 60+55 kDa band bands observed in human bone marrow lysates and in transfected HEK293 transiently expressing CACNB4 (calculated MW of 58.2 kDa band according to NP_000717.2 and 54.7 kDa band according to NP_001005747.1).

Images

Western Blot: CACNB4 Antibody [NB100-1485] - Staining of human bone marrow lysate (35 ug protein in RIPA buffer). Antibody at 0.2 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Publications

Badou A, Basavappa S, Desai R et al. Requirement of voltage-gated calcium channel beta4 subunit for T lymphocyte functions. Science 2005-01-07 [PMID: 15637280]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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