

Product Datasheet

CACNB4 Antibody NB100-55414

Unit Size: 0.1 mg

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

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NB100-55414**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 three reported isoforms (NP_001005747.1; NP_000717.2; NP_001005746.1).
Immunogen	Peptide with sequence C-DYPDSYQDTYKPH corresponding to internal region (near C-Terminus) according to NP_000717.2, NP_001005746.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 - 0.6 ug/ml, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx. 55-60 kDa band observed in human bone marrow lysates (calculated MW of 54.7 kDa band according to NP_001005747.1 and 58.2 kDa band according to NP_000717.2).

Images

Western Blot: CACNB4 Antibody [NB100-55414] - (0.2ug/ml) staining of Human Bone Marrow lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Escayg A, Jones JM, Kearney JA et al. Calcium channel beta 4 (CACNB4): human ortholog of the mouse epilepsy gene lethargic. Genomics 1998-05-15 [PMID: 9628818]



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Products Related to NB100-55414

NBL1-08630	CACNB4 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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