

Product Datasheet

CACNB1 Antibody (1G6) - Azide and BSA Free H00000782-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

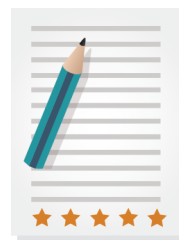
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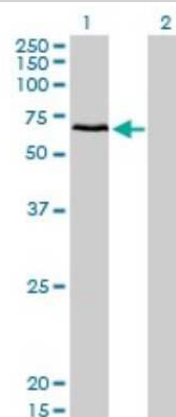
H00000782-M01

CACNB1 Antibody (1G6) - Azide and BSA Free

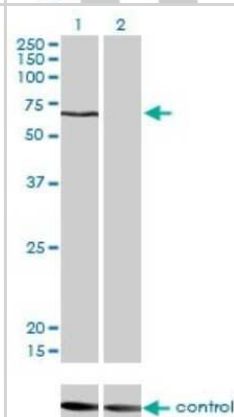
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	782
Gene Symbol	CACNB1
Species	Human, Chicken
Specificity/Sensitivity	CACNB1 (1G6)
Immunogen	CACNB1 (NP_000714, 500 a.a. ~ 598 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. FDADTPGSRNSAYTELGDSCVDMETDPSEGPGGLGDPAGGGTTPPARQGSWED EEEDYEEELTDNRNRGRNKARYCAEGGGPVLGRNKNELEGWGRGVYIR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500RNAi Validation, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi validation and ELISA.

Images

Western Blot: CACNB1 Antibody (1G6) [H00000782-M01] - Analysis of CACNB1 expression in transfected 293T cell line by CACNB1 monoclonal antibody (M01), clone 1G6. Lane 1: CACNB1 transfected lysate (65.7 KDa). Lane 2: Non-transfected lysate.



Western Blot: CACNB1 Antibody (1G6) [H00000782-M01] - Analysis of CACNB1 over-expressed 293 cell line, cotransfected with CACNB1 Validated Chimera RNAi (Cat # H00000782-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CACNB1 monoclonal antibody (M01), clone 1G6 (Cat # H00000782-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Publications

Zou S, Jha S, Kim EY, Dryer SE. The β_1 subunit of L-type voltage-gated Ca^{2+} channels independently binds to and inhibits the gating of large-conductance Ca^{2+} -activated K^{+} channels. *Mol Pharmacol*. 2007-11-07 [PMID: 17989350]



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Products Related to H00000782-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00000782-P01-10ug	Recombinant Human CACNB1 GST (N-Term) Protein

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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