ARG58364
anti-CACNB3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CACNB3
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CACNB3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 355-484 of Human CACNB3 (NP_000716.2).
Conjugation	Un-conjugated
Alternate Names	CAB3; Voltage-dependent L-type calcium channel subunit beta-3; Calcium channel voltage-dependent subunit beta 3; CACNLB3

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Rat brain
Observed Size	54 kDa

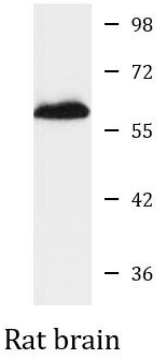
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CACNB3
Gene Full Name	calcium channel, voltage-dependent, beta 3 subunit
Background	This gene encodes a regulatory beta subunit of the voltage-dependent calcium channel. Beta subunits are composed of five domains, which contribute to the regulation of surface expression and gating of calcium channels and may also play a role in the regulation of transcription factors and calcium transport. [provided by RefSeq, Oct 2011]
Function	The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting. [UniProt]
Calculated Mw	55 kDa

Images



ARG58364 anti-CACNB3 antibody WB image

Western blot: 25 µg of Rat brain lysate stained with ARG58364 anti-CACNB3 antibody at 1:1000 dilution.