Datasheet for ABIN7175606

anti-CACNA1B antibody (AA 2132-2339) (FITC)

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Overview

Quantity:	100 µL
Target:	CACNA1B
Binding Specificity:	AA 2132-2339
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNA1B antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Voltage-dependent N-type calcium channel subunit alpha-1B protein (2132-2339AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CACNA1B
Alternative Name:	CACNA1B (CACNA1B Products)
Background:	Background: Voltage-sensitive calcium channels (VSCC) mediate the entry of calcium ions into

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Target Details

	excitable cells and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division and cell death. The isoform alpha-1B gives rise to N-type calcium currents. N-type calcium channels belong to the \'high-voltage activated\' (HVA) group and are blocked by omega-conotoxin-GVIA (omega-CTx-GVIA) and by omega-agatoxin-IIIA (omega-Aga-IIIA). They are however insensitive to dihydropyridines (DHP), and omega-agatoxin-IVA (omega-Aga-IVA). Calcium channels containing alpha-1B subunit may play a role in directed migration of immature neurons. Aliases: CACNA1B antibody, CACH5 antibody, CACNL1A5 antibody, Voltage-dependent N-type calcium channel subunit alpha-1B antibody, Brain calcium channel III antibody, BIII antibody, Calcium channel antibody, L type antibody, alpha-1 polypeptide isoform 5 antibody, Voltage-gated calcium channel subunit alpha Cav2.2 antibody
UniProt:	Q00975

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.