

L-type Ca⁺⁺ CP Gamma1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05105
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CACNG1. AA range:137-186
Mol wt	25028
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	L-type Ca ⁺⁺ CP gamma1 Antibody
Synonyms	CACNG1; CACNLG; Voltage-dependent calcium channel gamma-1 subunit; Dihydropyridine-sensitive L-type; skeletal muscle calcium channel subunit gamma

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Voltage-dependent calcium channels are composed of five subunits. The protein encoded by CACNG1 (calcium voltage-gated channel auxiliary subunit gamma 1) represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is part of skeletal muscle 1,4-dihydropyridine-sensitive calcium channels and is an integral membrane protein that plays a role in excitation-contraction coupling. CACNG1 is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members that function as transmembrane AMPA receptor regulatory proteins (TARPs).

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year