

Product datasheet for TA328729

Cacng2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:200-1:2000; FC: 1:50-1:600
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide (C)RATDYLQASAITRIPS, corresponding to amino acid residues 213-228 of mouse Cav? 2. Intracellular, C-terminus.
Formulation:	Lyophilized. Concentration before lyophilization ~0.8mg/ml (lot dependent, please refer to CoA along with shipment for actual concentration). Buffer before lyophilization: phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.05% NaN ₃ .
Reconstitution Method:	Add 50 ul double distilled water (DDW) to the lyophilized powder.
Purification:	Affinity purified on immobilized antigen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	calcium channel, voltage-dependent, gamma subunit 2
Database Link:	NP_031609 Entrez Gene 10369 Human Entrez Gene 84347 Rat Entrez Gene 12300 Mouse O88602

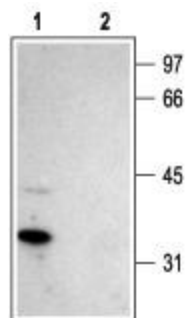
Background: The γ subunit protein is an auxiliary subunit of the CaV (voltage dependent calcium) channel multimer complex. γ 1 was first identified in skeletal muscle as a part of the proteins complex purified as the DHP receptor. Eight γ subunit isoforms were identified in mammalian genomes and they share some sequence as well as structure homology. γ 1 subunit contains four transmembrane helices, with intracellular N and C termini. Usually their association with the pore-forming α 1 subunit results in reduced current amplitude. CaV γ 2 is also known as stargazin, and interacts and regulates the activity and trafficking of AMPA glutamate receptors.



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Synonyms: MGC138502; MGC138504; stargazin

Product images:



Western blot analysis of rat brain membranes: 1. Anti-Cav?2 antibody, (1:200). 2. Anti-Cav?2 antibody, preincubated with the control peptide antigen.