

Datasheet for ABIN2458134
anti-CACNG4 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	CACNG4
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CACNG4.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	CACNG4
Alternative Name:	CACNG4 (CACNG4 Products)
Background:	L-type calcium channels are composed of five subunits. CACNG4 represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. This gene is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family. L-type calcium channels are composed of five subunits. The protein

Target Details

encoded by this gene represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. This gene is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes. L-type calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. This gene is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes.

Molecular Weight: 36 kDa

Gene ID: 27092

NCBI Accession: [NP_055220](#)

UniProt: [Q9UBN1](#)

Application Details

Application Notes: CACNG4 antibody can be used for detection of CACNG4 by ELISA at 1:62500. CACNG4 antibody can be used for detection of CACNG4 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

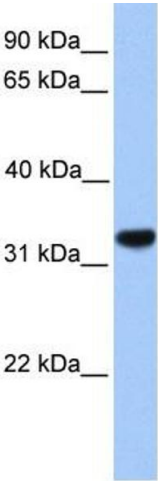
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store CACNG4 antibody at -20 °C.



Western Blotting

Image 1.