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Datasheet for ABIN2461575  
**anti-CACNG4 antibody**

1 Image

### Overview

Quantity:	100 µL
Target:	CACNG4
Reactivity:	Human, Rat, Mouse, Dog
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 protein A chromatography method.

### Target Details

Target:	CACNG4
Alternative Name:	CACNG4 ( <a href="#">CACNG4 Products</a> )
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

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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

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Application Notes: CACNG4 antibody can be used for detection of CACNG4 by ELISA at 1:1562500. CACNG4 antibody can be used for detection of CACNG4 by western blot at 0.31 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Add 100 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.