



[Go to Product page](#)

Datasheet for ABIN1539258  
**anti-CACNG3 antibody (N-Term)**

1 Image

### Overview

|                      |                       |
|----------------------|-----------------------|
| Quantity:            | 400 µL                |
| Target:              | CACNG3                |
| Binding Specificity: | AA 28-56, N-Term      |
| Reactivity:          | Human                 |
| Host:                | Rabbit                |
| Clonality:           | Polyclonal            |
| Application:         | Western Blotting (WB) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This CACNG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from the N-terminal region of human CACNG3. |
| Clone:                | RB32564  |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | B, Pr, M, Rat  |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | CACNG3  |
| Alternative Name: | CACNG3 ( <a href="#">CACNG3 Products</a> )  |
| Background:       | The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein |

## Target Details

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(TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family. This gene is a susceptibility locus for childhood absence epilepsy.

Molecular Weight: 35549

Gene ID: 10368

NCBI Accession: [NP\\_006530](#)

UniProt: [O60359](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

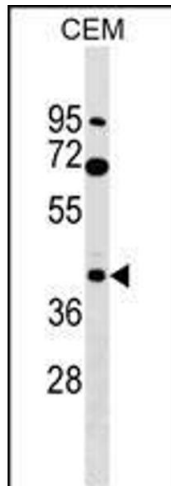
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: CACNG3 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** CACNG3 Antibody (N-term) (ABIN1539258 and ABIN2849710) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the CACNG3 antibody detected the CACNG3 protein (arrow).