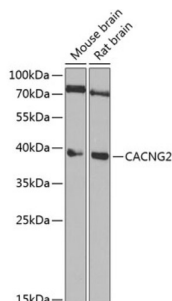


# Voltage-Dependent Calcium Channel Gamma-2 Subunit (CACNG2) Antibody

Catalogue No.: abx005016



Western blot analysis of extracts of various cell lines using CACNG2 Antibody (1/1000 dilution).

CACNG2 Antibody is a Rabbit Polyclonal antibody against CACNG2. The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (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 schizophrenia.

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Voltage-Dependent Calcium Channel Gamma-2 Subunit (CACNG2)                                 |
| <b>Clonality:</b>             | Polyclonal                                                                                 |
| <b>Reactivity:</b>            | Mouse, Rat                                                                                 |
| <b>Tested Applications:</b>   | WB                                                                                         |
| <b>Host:</b>                  | Rabbit                                                                                     |
| <b>Recommended dilutions:</b> | WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated                                                                               |
| <b>Immunogen:</b>             | Recombinant fusion protein corresponding to human CACNG2                                   |
| <b>Isotype:</b>               | IgG                                                                                        |
| <b>Form:</b>                  | Liquid                                                                                     |
| <b>Purification:</b>          | Purified by affinity chromatography.                                                       |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                             |
| <b>UniProt Primary AC:</b>    | Q9Y698 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                |

# Datasheet

Version: 7.0.0  
Revision date: 05 Sep 2025



**Gene Symbol:** CACNG2

**GeneID:** [10369](#)

**OMIM:** [602911](#)

**NCBI Accession:** NP\_006069.1

**HGNC:** 1406

**KEGG:** hsa:10369

**Ensembl:** ENSG00000166862

**String:** [9606.ENSP00000300105](#)

**Molecular Weight:** Calculated MW: 35 kDa  
Observed MW: 36 kDa

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.