

## Rabbit L-type Ca<sup>++</sup> CP gamma4 Polyclonal Antibody | anti-CACNG4 antibody

L-type Ca<sup>++</sup> CP gamma4 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA173745</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

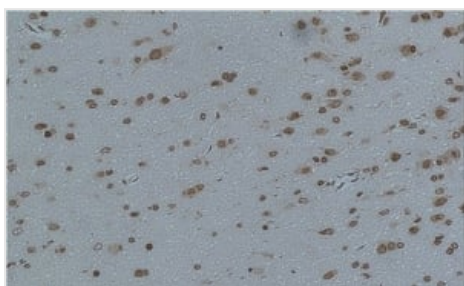
### PRODUCT SYNONYMS

L-type Ca<sup>++</sup> CP gamma4; Polyclonal Antibody; L-type Ca<sup>++</sup> CP gamma4 Polyclonal Antibody; anti-CACNG4 antibody

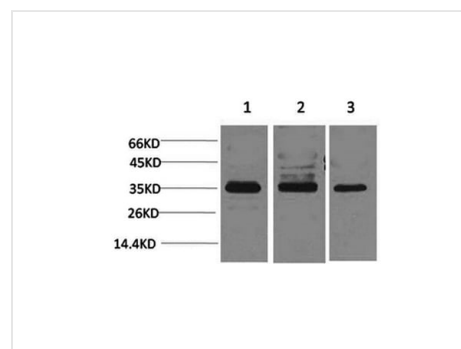
### PRODUCT SPECIFICATIONS

|                                                  |                                                    |
|--------------------------------------------------|----------------------------------------------------|
| Host                                             | Rabbit                                             |
| Reactivity                                       | Human, Mouse, Rat                                  |
| Clonality                                        | Polyclonal                                         |
| Isotype                                          | IgG                                                |
| Purity/Purification                              | Affinity Purification                              |
| Concentration                                    | 1mg/mL (varies by lot)                             |
| Sequence Length                                  | 327                                                |
| Applicable Applications for anti-CACNG4 antibody | IHC (Immunohistochemistry), WB (Western Blot)      |
| Immunogen                                        | Synthetic Peptide                                  |
| Buffer                                           | PBS with 0.02% sodium azide, 50% glycerol, pH7.4   |
| Conjugation                                      | Unconjugated                                       |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue with L-type Ca<sup>++</sup> CP gamma4 Polyclonal Antibody.


#### WB (Western Blot)

Western Blot analysis of 1) Human brain, 2) Mouse brain, 3) Rat brain with L-type Ca<sup>++</sup> CP gamma4 Polyclonal Antibody.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CACNG4 antibody | 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 and is located in a cluster with two family members, a type II TARP and a calcium channel gamma subunit. CACNG4 (Calcium Voltage-Gated Channel Auxiliary Subunit Gamma 4) is a Protein Coding gene. Among its related pathways are CCR5 Pathway in Macrophages and PEDF Induced Signaling. GO annotations related to this gene include voltage-gated calcium channel activity. An important paralog of this gene is CACNG8. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 7656948                                                 |
| NCBI GeneID                      | 27092                                                   |
| NCBI Accession #                 | NP_055220.1                                             |
| NCBI GenBank Nucleotide #        | NM_014405.3                                             |
| UniProt Accession #              | Q9UBN1; B2RCK0                                          |
| Molecular Weight                 | 35kDa                                                   |
| NCBI Official Full Name          | voltage-dependent calcium channel gamma-4 subunit       |
| NCBI Official Synonym Full Names | calcium voltage-gated channel auxiliary subunit gamma 4 |
| NCBI Official Symbol             | CACNG4                                                  |
| NCBI Protein Information         | voltage-dependent calcium channel gamma-4 subunit       |
| UniProt Protein Name             | Voltage-dependent calcium channel gamma-4 subunit       |
| UniProt Gene Name                | CACNG4                                                  |
| UniProt Synonym Gene Names       | TARP gamma-4                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/i-type-ca-cp-gamma4-antibody-immunohistochemistry-western-blot-elisa/173745>