

## Rabbit CACNG5 Polyclonal Antibody | anti-CACNG5 antibody

CACNG5 Antibody

|                               |                       |                                        |                                             |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA310302</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------|

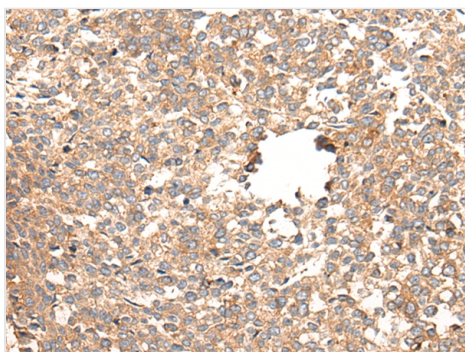
### PRODUCT SYNONYMS

CACNG5; Polyclonal Antibody; CACNG5 Antibody; anti-CACNG5 antibody

### PRODUCT SPECIFICATIONS

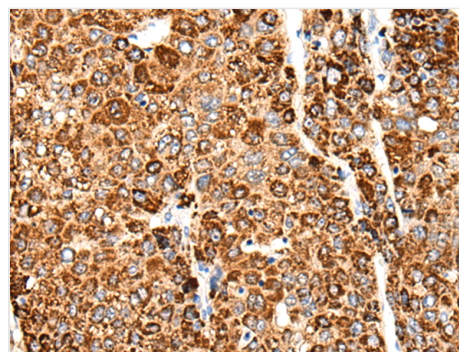
|                                                  |                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------|
| Host                                             | Rabbit                                                               |
| Reactivity                                       | Human, Mouse, Rat                                                    |
| Clonality                                        | Polyclonal                                                           |
| Isotype                                          | IgG                                                                  |
| Specificity                                      | The antibody detects endogenous levels of total CACNG5 protein.      |
| Purity/Purification                              | Antigen affinity purification                                        |
| Form/Format                                      | In pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                 |
| Concentration                                    | 1.2mg/ml (varies by lot)                                             |
| Sequence Length                                  | 275                                                                  |
| Applicable Applications for anti-CACNG5 antibody | IHC (Immunohistochemistry)                                           |
| Immunogen                                        | Synthetic peptide corresponding to internal residues of human CACNG5 |
| Immunogen Type                                   | Peptide                                                              |
| Preparation and Storage                          | Store at -20 degree C.                                               |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46389(CACNG5 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46389(CACNG5 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CACNG5 antibody | The protein encoded by this gene is a type II 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 I TARP and a calcium channel gamma subunit. This gene is a susceptibility locus for schizophrenia and bipolar disorder. |
| Product Categories/Family for anti-CACNG5 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 22027551                                                |
| NCBI GeneID                      | 27091                                                   |
| NCBI Accession #                 | NP_665810                                               |
| NCBI GenBank Nucleotide #        | NM_145811.2                                             |
| UniProt Accession #              | Q9UF02; Q547R3; Q8WXS7; Q9UHM3; A8K2A6                  |
| Molecular Weight                 | 30,903 Da                                               |
| NCBI Official Full Name          | voltage-dependent calcium channel gamma-5 subunit       |
| NCBI Official Synonym Full Names | calcium voltage-gated channel auxiliary subunit gamma 5 |
| NCBI Official Symbol             | CACNG5                                                  |
| NCBI Protein Information         | voltage-dependent calcium channel gamma-5 subunit       |
| UniProt Protein Name             | Voltage-dependent calcium channel gamma-5 subunit       |
| UniProt Gene Name                | CACNG5                                                  |
| UniProt Synonym Gene Names       | TARP gamma-5                                            |

**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://www.aaabiotech.com/polyclonal/cacng5-antibody-immunohistochemistry-elisa/310302>