

## CACNG3 polyclonal antibody

Catalog: BS90165

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Regulates the trafficking to the somatodendritic compartment and gating properties of AMPA-selective glutamate receptors (AMPA receptors). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization. Does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel in an inactivated (closed) state.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

Predicted band size 36 kDa

### Swiss-Prot:

O60359(Human) Q8VHX0(Rat)

### Purification&Purity:

Peptide affinity purified.

### Applications:

WB:1:500

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

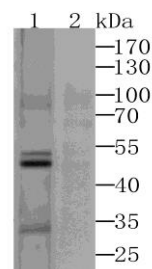
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

### Specificity:

CACNG3 polyclonal antibody detects endogenous levels of CACNG3 protein.

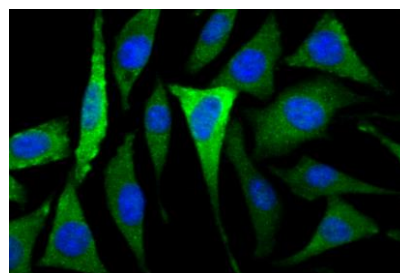
### DATA:



Western blot analysis of CACNG3 on SH-SY-5Y cell lysates using anti-CACNG3 antibody.

Lane 1: Anti-CACNG3 Antibody (1:500).

Lane 2: Anti-CACNG3 Antibody, pre-incubated with the immunization peptide.



ICC staining CACNG3 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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