Anti-CCG8 antibody

Description	Unconjugated Rabbit polyclonal to CCG8

Model	STJ191628
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CCG8 protein.
Immunogen Region	140-220aa
Gene ID	59283
Gene Symbol	CACNG8
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CCG8 Polyclonal Antibody detects endogenous levels of protein.
Purification	CCG8 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Voltage-dependent calcium channel gamma-8 subunit Neuronal voltage-gated calcium channel gamma-8 subunit Transmembrane AMPAR regulatory protein gamma-8 TARP gamma-8
Molecular Weight	46 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13628OMIM:606900
Alternative Names	Voltage-dependent calcium channel gamma-8 subunit Neuronal voltage-gated calcium channel gamma-8 subunit Transmembrane AMPAR regulatory protein gamma-8 TARP gamma-8
Function	Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization and by mediating their resensitization. Does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel in an inactivated (closed) state.
Cellular Localization	Membrane Cell junction, synapse, postsynaptic cell membrane, postsynaptic density