



CACNG3 Monoclonal Antibody

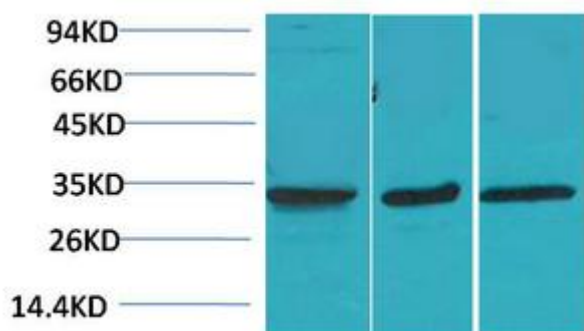
Catalog No	YP-mAb-01216
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CACNG3
Protein Name	Voltage-dependent calcium channel gamma-3 subunit
Immunogen	Synthetic Peptide of CACNG3 AA range: 84-134
Specificity	The antibody detects endogenous CACNG3 protein.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Voltage-dependent calcium channel gamma-3 subunit; Neuronal voltage-gated calcium channel gamma-3 subunit; Transmembrane AMPAR regulatory protein gamma-3; TARP gamma-3
Observed Band	30kD
Cell Pathway	Membrane ; Multi-pass membrane protein . Displays a somatodendritic localization and is excluded from axons in neurons. .
Tissue Specificity	Brain,Brain cortex,Cerebellum,
Function	disease:Candidate gene for a familial infantile convulsive disorder with paroxysmal choreoathetosis.,function:Thought to stabilize the calcium channel in an inactivated (closed) state.,similarity:Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.,subunit:The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.,
Background	calcium voltage-gated channel auxiliary subunit gamma 3(CACNG3) Homo sapiens 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 childhood absence epilepsy. [provided by RefSeq, Dec 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using CACNG3 Monoclonal Antibody