



CACNG3 rabbit pAb

Cat No.:ES20806

For research use only

Overview

Product Name	CACNG3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB: 1:1000-2000 IHC: 1:200-500
Immunogen	Synthetic Peptide of CACNG3 AA range: 84-134
Specificity	The antibody detects endogenous CACNG3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Voltage-dependent calcium channel gamma-3 subunit
Gene Name	CACNG3
Cellular localization	Membrane ; Multi-pass membrane protein . Displays a somatodendritic localization and is excluded from axons in neurons. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	30kD
Human Gene ID	10368
Human Swiss-Prot Number	O60359
Alternative Names	Voltage-dependent calcium channel gamma-3 subunit; Neuronal voltage-gated calcium channel gamma-3 subunit; Transmembrane AMPAR regulatory protein gamma-3; TARP gamma-3 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
Background	

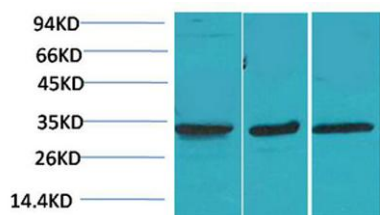




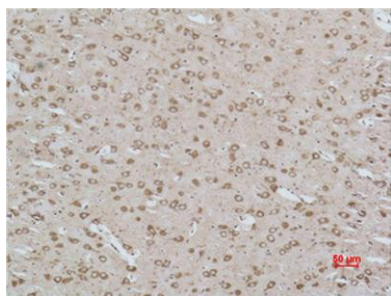
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AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family. This gene is a susceptibility locus for childhood absence epilepsy. [provided by RefSeq, Dec 2010],

Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using CACNG3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CACNG3 Polyclonal Antibody.



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