



# CACNG2 rabbit pAb

Cat No.:ES20807

For research use only

## Overview

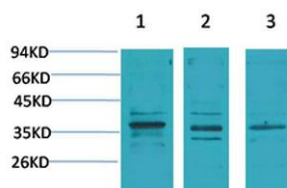
<b>Product Name</b>	CACNG2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB: 1:1000-2000 IHC: 1:200-500
<b>Immunogen</b>	Synthetic Peptide of CACNG2 AA range: 58-108
<b>Specificity</b>	The antibody detects endogenous CACNG2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Voltage-dependent calcium channel gamma-2 subunit
<b>Gene Name</b>	CACNG2
<b>Cellular localization</b>	Membrane; Multi-pass membrane protein. Cell junction, synapse, synaptosome .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	10369
<b>Human Swiss-Prot Number</b>	Q9Y698
<b>Alternative Names</b>	Voltage-dependent calcium channel gamma-2 subunit; Neuronal voltage-gated calcium channel gamma-2 subunit; Transmembrane AMPAR regulatory protein gamma-2; TARP gamma-2 calcium voltage-gated channel auxiliary subunit gamma 2(CACNG2) Homo sapiens
<b>Background</b>	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 schizophrenia. [provided by RefSeq, Dec 2010],

Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using CACNG2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CACNG2 Polyclonal Antibody.

