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**Product Name: CACNG3 Rabbit Polyclonal Antibody****Catalog #: APRab00447**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 36 kDa; Observed MW: 30 kDa

**Antigen Information**

<b>Gene Name</b>	CACNG3
<b>Alternative Names</b>	acng3 antibody; TARP gamma-3 antibody; Transmembrane AMPAR regulatory protein gamma-3 antibody
<b>Gene ID</b>	10368
<b>SwissProt ID</b>	O60359
<b>Immunogen</b>	

**Background**

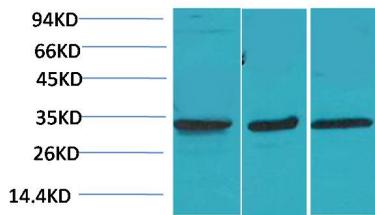
The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both

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.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of CACNG3 in Human Brain, mouse Brain, rat Brain lysates using CACNG3 antibody.