

## L-type Ca<sup>++</sup> CP gamma5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10814
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of L-type Ca <sup>++</sup> CP γ5
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	
<b>Full name</b>	Voltage-dependent calcium channel gamma-5 subunit
<b>Synonyms</b>	Voltage-dependent calcium channel gamma-5 subunit; CACNG5; Voltage-dependent calcium channel gamma-5 subunit; Neuronal voltage-gated calcium channel gamma-5 subunit; Transmembrane AMPAR regulatory protein gamma-5; TARP gamma-5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a type II 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 and is located in a cluster with two family members, a type I TARP and a calcium channel gamma subunit. This gene is a susceptibility locus for schizophrenia and bipolar disorder.

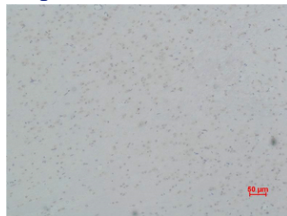
### Recommended Dilution

WB: 1: 500 - 1000

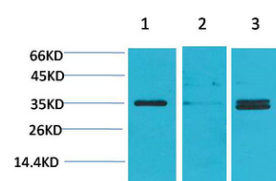
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using L-type Ca<sup>++</sup> CP γ5 Polyclonal Antibody.



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue using L-type Ca<sup>++</sup> CP γ5 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for 1 year

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