



Rabbit Anti-CACNG6 antibody

SL19636R

Product Name:	CACNG6
Chinese Name:	神经元电压门控钙通道 γ 6抗体
Alias:	calcium channel voltage dependent gamma subunit 6; Neuronal voltage gated calcium channel gamma 6 subunit; Voltage-dependent calcium channel gamma-6 subunit.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CACNG6:101-200/260
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Voltage-dependent calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. 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 that function

as transmembrane AMPA receptor regulatory proteins (TARPs). Alternative splicing results in multiple transcript variants. Variants in this gene have been associated with aspirin-intolerant asthma. [provided by RefSeq, Dec 2010]

Function:

Thought to stabilize the calcium channel in an inactivated (closed) state.

Subunit:

The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.

Subcellular Location:

Plasma membrane

Similarity:

Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.

SWISS:

Q9BXT2

Gene ID:

59285

Database links:

[Entrez Gene: 59285](#) Human

[Entrez Gene: 54378](#) Mouse

[Entrez Gene: 140727](#) Rat

[Omim: 606898](#) Human

[SwissProt: Q9BXT2](#) Human

[SwissProt: Q8VHW3](#) Mouse

[SwissProt: Q8VHW7](#) Rat

[Unigene: 91033](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.