

For Research Use Only

CACNG3 Polyclonal antibody, PBS Only

Catalog Number: 13729-1-PBS



Basic Information

Catalog Number: 13729-1-PBS	GenBank Accession Number: BC040005	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10368	
Source: Rabbit	UNIPROT ID: O60359	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, gamma subunit 3	
Immunogen Catalog Number: AG4730	Calculated MW: 315 aa, 36 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Voltage-dependent calcium channels couple membrane depolarization in a number of cellular processes. These activities are regulated by distinct channels composed of alpha-1, beta, alpha-2/delta, and gamma subunits. CACNG3, one of the eight gamma subunits in human, is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors.

Storage

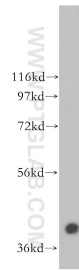
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

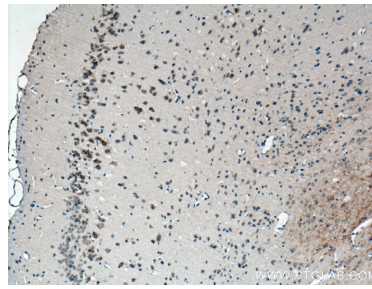
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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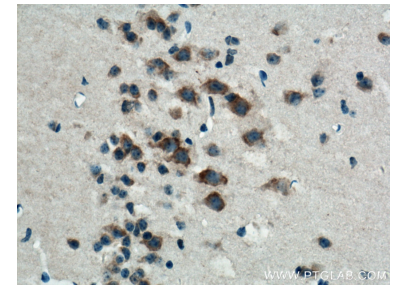
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 13729-1-AP (CACNG3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13729-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13729-1-AP (CACNG3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13729-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13729-1-AP (CACNG3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13729-1-PBS in a different storage buffer formulation.