

CACNG3 Polyclonal Antibody

Catalog number: 13729-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

CACNG3; Cacng2, CACNG3



HEK-293 cells were subjected to SDS PAGE followed by western blot with 13729-1-AP (CACNG3 antibody) at dilution of 1:500

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated CACNG3 MW:	315aa, 36 kDa
Observed CACNG3 MW:	40 kDa
Positive WB detected in	HEK-293 cells, mouse kidney tissue
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4730
GenBank accession number:	BC040005
Gene ID (NCBI):	10368
Full name:	Calcium channel, voltage-dependent, gamma subunit 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.