

Rabbit anti-Human CACNG3 Polyclonal Antibody | anti-CACNG3 antibody

CACNG3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233173	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CACNG3; Polyclonal Antibody; CACNG3 Antibody; Voltage-dependent calcium channel gamma-3 subunit; Neuronal voltage-gated calcium channel gamma-3 subunit; Transmembrane AMPAR regulatory protein gamma-3; TARP gamma-3; anti-CACNG3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	315
Applicable Applications for anti-CACNG3 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Voltage-dependent calcium channel gamma-3 subunit protein (235-315AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Others
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



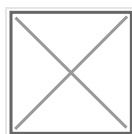
WB (Western Blot)

Western BlotPositive WB detected in: MCF-7 whole cell lysateAll lanes: CACNG3 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 36 KDaObserved band size: 36 KDa



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA233173 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233173 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG3 antibody	Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA-Rs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization. Does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729756
NCBI GeneID	10368
NCBI Accession #	NP_006530.1
NCBI GenBank Nucleotide #	NM_006539.3
UniProt Accession #	O60359
NCBI Official Full Name	voltage-dependent calcium channel gamma-3 subunit
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit gamma 3
NCBI Official Symbol	CACNG3
NCBI Protein Information	voltage-dependent calcium channel gamma-3 subunit
UniProt Protein Name	Voltage-dependent calcium channel gamma-3 subunit
UniProt Gene Name	CACNG3
UniProt Synonym Gene Names	TARP gamma-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.