

Rabbit CACNG7 Polyclonal Antibody | anti-CACNG7 antibody

CACNG7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325255	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CACNG7; Polyclonal Antibody; CACNG7 Antibody; CACNG 7; Cacng7; Calcium channel voltage dependent gamma subunit 7; CCG7_HUMAN; Neuronal voltage gated calcium channel gamma 7 subunit; Neuronal voltage-gated calcium channel gamma-7 subunit; OTTHUMP00000067298; OTTHUMP00000067299; OTTHUMP00000197715; TARP gamma 7; Transmembrane AMPAR regulatory protein gamma 7; Voltage dependent calcium channel gamma 7 subunit; Voltage-dependent calcium channel gamma-7 subunit; anti-CACNG7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	275
Applicable Applications for anti-CACNG7 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CACNG7, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325255 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4 degree C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

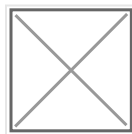
Western blot analysis of extracts from rat heart, using CACNG7 Ab.

**WB (Western Blot)**

Western blot analysis of extracts from HepG2 cells, using CACNG7 antibody.

**IF (Immunofluorescence)**

AAA325255 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**WB (Western Blot)**

Western blot analysis of extracts from rat heart, using CACNG7 Antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361975
NCBI GeneID	59284
NCBI Accession #	NP_114102.2
NCBI GenBank Nucleotide #	NM_031896.4
UniProt Accession #	P62955; Q52LL8; Q8VBX3; Q8WXS6; Q9BXT1
Molecular Weight	40 KD
NCBI Official Full Name	voltage-dependent calcium channel gamma-7 subunit
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit gamma 7
NCBI Official Symbol	CACNG7
NCBI Protein Information	voltage-dependent calcium channel gamma-7 subunit
UniProt Protein Name	Voltage-dependent calcium channel gamma-7 subunit
UniProt Gene Name	CACNG7
UniProt Synonym Gene Names	TARP gamma-7

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cacng7-antibody-immunohistochemistry-immunocytochemistry-immunofluorescence-western-blot-elisa/325255>