

Rabbit anti-Human CACNG1/CACNG Polyclonal Antibody | anti-CACNG1 antibody

CACNG1/CACNG Rabbit anti-Human Polyclonal (aa66-115) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162469	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CACNG1/CACNG; Polyclonal Antibody; CACNG1/CACNG Rabbit anti-Human Polyclonal (aa66-115) Antibody; CACNG1/CACNG Antibody (aa66-115); CACNG1; CACNG; CACNLG; Gamma 1; anti-CACNG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human CACNG1
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-CACNG1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human CACNG1/CACNG
Immunogen	Synthetic peptide located between aa66-115 of human CACNG1 (Q06432, NP_000718). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Bat, Rabbit, Opossum, Guinea pig (100%); Bovine, Horse, Platypus (92%); Elephant, Dog (85%).
Conjugation	Unconjugated
Epitope	aa66-115
Family	Ion Channel
Subfamily	Calcium channel-gamma subunit
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CACNG1/CACNG Antibody-Anti-CACNG1 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

CACNG1/CACNG Antibody-A: Marker, B: Jurkat Cell Lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)
CACNG1/CACNG Antibody-CACNG1 antibody Western blot of Jurkat lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG1 antibody	CACNG antibody is an unconjugated rabbit polyclonal antibody to human CACNG (CACNG1)(aa66-115). Validated for IHC and WB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502539
NCBI GeneID	786
NCBI Accession #	NP_000718.1
NCBI GenBank Nucleotide #	NM_000727
UniProt Accession #	Q06432; Q14D59; B2R9N3
Molecular Weight	25,028 Da
NCBI Official Full Name	voltage-dependent calcium channel gamma-1 subunit
NCBI Official Synonym Full Names	calcium channel, voltage-dependent, gamma subunit 1
NCBI Official Symbol	CACNG1
NCBI Official Synonym Symbols	CACNLG
NCBI Protein Information	voltage-dependent calcium channel gamma-1 subunit; L-type calcium channel gamma polypeptide; neuronal dihydropyridine-sensitive calcium channel gamma subunit; dihydropyridine-sensitive L-type, skeletal muscle calcium channel subunit gamma
UniProt Protein Name	Voltage-dependent calcium channel gamma-1 subunit
UniProt Gene Name	CACNG1
UniProt Synonym Gene Names	CACNLG
UniProt Entry Name	CCG1_HUMAN

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/cacng1-cacng-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162469>