

Rabbit CACNG1/CACNG Polyclonal Antibody | anti-CACNG1 antibody

CACNG1/CACNG Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162871	Rabbit	Mouse, Rat, Human	Western Blot, Immunohistochemistry, Immunohistochemistry

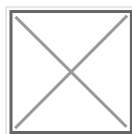
PRODUCT SYNONYMS

CACNG1/CACNG; Polyclonal Antibody; CACNG1/CACNG Rabbit anti-Human Polyclonal Antibody; IHC-plus CACNG1/CACNG Antibody; CACNG1; CACNG; CACNLG; Gamma 1; anti-CACNG1 antibody

PRODUCT SPECIFICATIONS

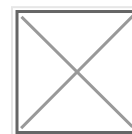
Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Applicable Applications for anti-CACNG1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human CACNG1/CACNG
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-110 of human CACNG1 (NP_000718.1). DHWAVLSPHMEHHNTTCEAAHFGLWRICTKRIPMDDSKTCGPITLPGEKNCSYFRHFNPGESSEIFEFTTQKEYSISAAAI
Conjugation	Unconjugated
Family	Ion Channel
Subfamily	Calcium channel-gamma subunit
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CACNG1/CACNG Antibody-Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

CACNG1/CACNG Antibody-Western blot analysis of extracts of various cell lines, using CACNG1 antibody at 1:1000 dilution. The secondary antibody used was an HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates were loaded 25ug per lane and 3% nonfat dry milk in TBST was used for blocking. An ECL Kit was used for detection and the exposure time was 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG1 antibody	CACNG antibody is an unconjugated rabbit polyclonal antibody to CACNG (CACNG1) from human. It is reactive with mouse and rat. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
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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/162871>