

Rabbit CACNG1 Polyclonal Antibody | anti-CACNG1 antibody

CACNG1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312119	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot

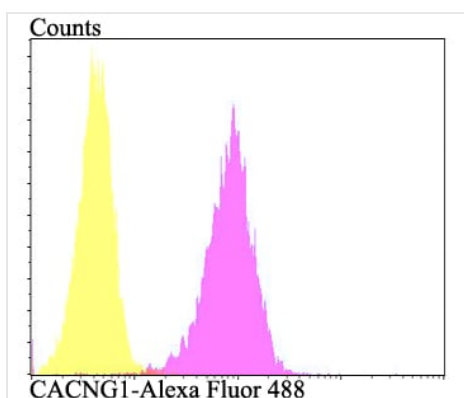
PRODUCT SYNONYMS

CACNG1; Polyclonal Antibody; CACNG1 Antibody; CACNG1 antibody; CACNLG antibody; CACNLG calcium channel neuronal dihydropyridine sensitive gamma subunit antibody; Calcium channel L type gamma polypeptide antibody; Calcium channel voltage dependent gamma subunit 1 antibody; CCG1_HUMAN antibody; Dihydropyridine sensitive L type skeletal muscle calcium channel gamma subunit antibody; Dihydropyridine sensitive L type skeletal muscle calcium channel subunit gamma antibody; Dihydropyridine-sensitive L-type antibody; fb43f02 antibody; fi19g08 antibody; L type calcium channel gamma polypeptide antibody; MGC117703 antibody; skeletal muscle calcium channel subunit gamma antibody; Voltage dependent calcium channel gamma 1 subunit 2 antibody; Voltage-dependent calcium channel gamma-1 subunit antibody; wu:fb43f02 antibody; zgc:55364 antibody; anti-CACNG1 antibody

PRODUCT SPECIFICATIONS

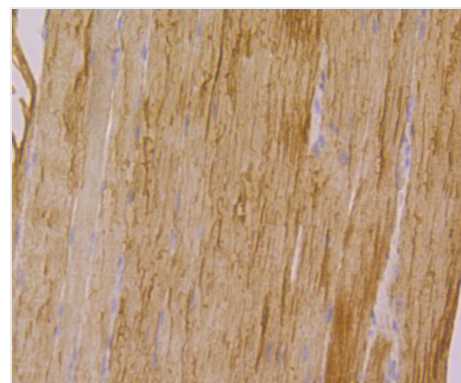
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified.
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CACNG1 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide within human CACNG1 aa 10-60.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



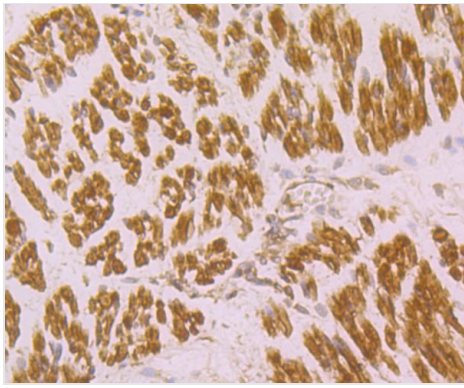
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SH-SY-5Y cells with CACNG1 antibody at 1/100 dilution (fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



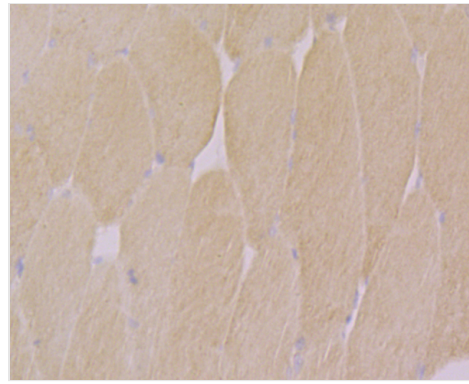
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-CACNG1 antibody. Counter stained with hematoxylin.



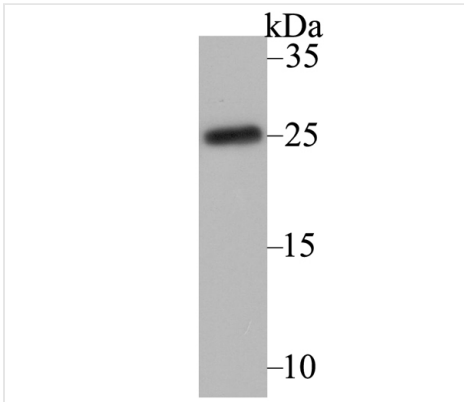
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-CACNG1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue using anti-CACNG1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CACNG1 on human skeletal muscle lysate using anti-CACNG1 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG1 antibody	Regulatory subunit of the voltage-gated calcium channel that gives rise to L-type calcium currents in skeletal muscle. Regulates channel inactivation kinetics.
Product Categories/Family for anti-CACNG1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502539
NCBI GeneID	786
NCBI Accession #	NP_000718.1
NCBI GenBank Nucleotide #	NM_000727.3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cacng1-antibody-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/312119>