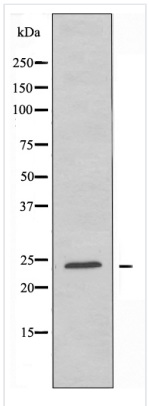
CACNG1 Antibody

PRODUCT OVERVIEW

Product Name	CACNG1, Antibody
Full Product Name	CACNG1 Antibody
Product Gene Name	anti-CACNG1 antibody
Product Synonym Names	Voltage-dependent calcium channel gamma-1 subunit; Dihydropyridine-sensitive L-type; skeletal muscle calcium channel subunit gamma; CACNG1
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	CACNG1 Antibody detects endogenous levels of total CACNG1
Preparation and Storage	Store at-20 degree C for 1 year
Molecular Weight	25 KD
OMIM	114209
3D Structure	ModBase 3D Structure for Q06432
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CACNG1 antibody	Western Blot (WB)
Application Notes for anti-CACNG1 antibody	WB: 1:500-1:1000
Related Product Information for anti-CACNG1 antibody	MBS8515316 is an antibody targeting CACNG1. Also known as CACNG1 Antibody. Reactive in Human, Mouse, Rat.
Other Notes	Small volumes of anti-CACNG1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CACNG1 antibody
Western blot analysis of extracts from HeLa cells, using CACNG1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CACNG1. It may not necessarily be applicable to this product.

NCBI GI #	4502539
NCBI GeneID	786
NCBI Accession #	NP_000718.1
UniProt Primary Accession #	Q06432
UniProt Secondary Accession #	Q14D59; B2R9N3
UniProt Related Accession #	Q06432
GenBank Nucleotide #	NM_000727.3
NCBI Official Full Name	voltage-dependent calcium channel gamma-1 subunit
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit gamma 1
NCBI Official Symbol	CACNG1
NCBI Official Synonym Symbols	CACNLG
UniProt Protein Name	Voltage-dependent calcium channel gamma-1 subunit
UniProt Synonym Protein Names	Dihydropyridine-sensitive L-type, skeletal muscle calcium channel subunit gamma
Protein Family	Voltage-dependent calcium channel
UniProt Gene Name	CACNG1
UniProt Synonym Gene Names	CACNLG
NCBI Protein Information	voltage-dependent calcium channel gamma-1 subunit
NCBI Summary for CACNG1	Voltage-dependent calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of two known gamma subunit proteins. This particular gamma subunit is part of skeletal muscle 1,4-dihydropyridine-sensitive calcium channels and is an integral membrane protein that plays a role in excitation-contraction coupling. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members that function as transmembrane AMPA receptor regulatory proteins (TARPs). [provided by RefSeq, Dec 2010]
UniProt Comments for CACNG1	This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca2+ channel may function only as a multiple subunit complex.
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