

Rabbit CACNG1 Polyclonal Antibody | anti-CACNG1 antibody

CACNG1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198198	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

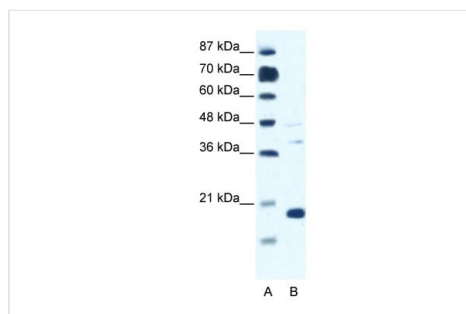
PRODUCT SYNONYMS

CACNG1; Polyclonal Antibody; CACNG1 antibody - N-terminal region; anti-CACNG1 antibody

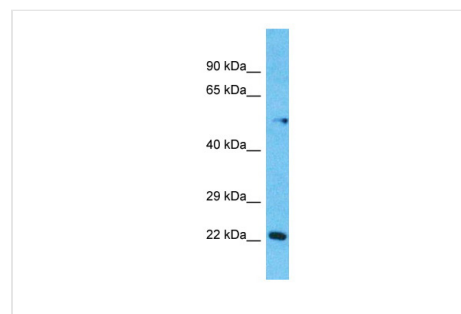
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SK TCGPITLPGE KNCSYFRHFN PGESSEIFEF TTQKEYSISA AAIAIFSL
Sequence Length	222
Applicable Applications for anti-CACNG1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CACNG1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

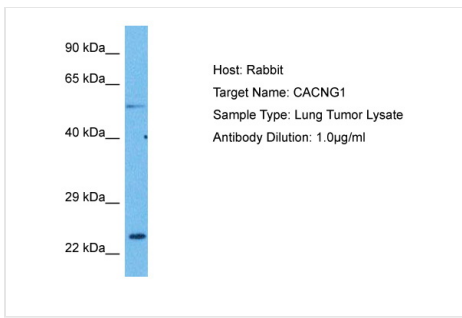
IMAGES


WB (Western Blot)

WB Suggested Anti-CACNG1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: CACNG1
Sample Type: Fetal Liver lysates
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: CACNG1
Sample Tissue: Human Lung Tumor
Antibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG1 antibody	This is a rabbit polyclonal antibody against CACNG1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: L-type calcium channels are composed of five subunits. The protein encoded by this gene represents one of these subunits, gamma, and is one of several 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 a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes.
Product Categories/Family for anti-CACNG1 antibody	Polyclonal; Ion Channel; Signal Proteins; Membrane Protein; Membrane & Traffic; MAPK Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502539
NCBI GeneID	786
NCBI Accession #	NP_000718
NCBI GenBank Nucleotide #	NM_000727
UniProt Accession #	Q06432
Molecular Weight	24kDa
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
NCBI Protein Information	voltage-dependent calcium channel gamma-1 subunit
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.