

DNAxPAb

Hard-to-Find
Antibody

CACNG1 DNAxPab

Catalog # H00000786-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CACNG1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CACNG1

Entrez GeneID	786
GeneBank Accession#	NM_000727.2
Protein Accession#	NP_000718.1
Gene Name	CACNG1
Gene Alias	CACNLG
Gene Description	calcium channel, voltage-dependent, gamma subunit 1
Omim ID	114209
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	L-type calcium channel gamma polypeptide dihydropyridine-sensitive L-type skeletal muscle calcium channel gamma subunit neuronal dihydropyridine-sensitive calcium channel gamma subunit voltage-dependent calcium channel gamma-1 subunit

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)