

DNAXPAb

Hard-to-Find
Antibody

CACNG6 DNAXPab

Catalog # H00059285-W01P Size 200 ug

Specification

| | |
|--------------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against a full-length human CACNG6 DNA using DNAX™ Immune technology. |
| Technology | DNAX™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MMWSNFFLQEEENRRRGAAGRRRAHGQGRSGLTPEREGKVKLALLLAAVGATLAVLSVGTEFWV ELNTYKANGSAVCEAAHLGLWKACTKRLWQADVPVDRDTCGPAELPGEANCTYFKFFTGENA RIFQRTTKKEVNLAAAVIAVLGLAVMALGCLCIIMVLSKGAEFLLRVGAVCFGLSGLLLLVSLEVFR HSVRALLQRVSPPEPPAPRLTYEYSWSLGCVGAGLILLGAGCFLLLTLPSPWPWGSGLCPKRGH RAT |
| 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 — CACNG6

Entrez GeneID [59285](#)

GeneBank Accession# [NM_145814.1](#)

Protein Accession# [NP_665813.1](#)

Gene Name CACNG6

Gene Alias -

Gene Description calcium channel, voltage-dependent, gamma subunit 6

Omim ID [606898](#)

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. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. 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. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations neuronal voltage-gated calcium channel gamma-6 subunit|voltage-dependent calcium channel gamma-6 subunit

Pathway

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

Disease

- [Asthma](#)