

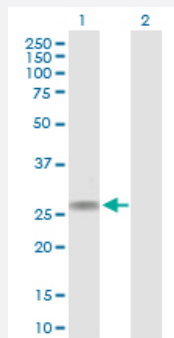
MaxPab®

CACNG1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000786-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CACNG1 expression in transfected 293T cell line ([H00000786-T02](#)) by CACNG1 MaxPab polyclonal antibody.

Lane 1: CACNG1 transfected lysate(25.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CACNG1 protein.
Immunogen	CACNG1 (NP_000718.1, 1 a.a. ~ 222 a.a) full-length human protein.
Sequence	MSQTKMLKVRVTLFCILAGIVLAMTAVVTDHWAVLSPHMEHHNTTCEAAHFGLWRICKRIPMDD SKTCGPITLPGEKNCSYFRHFNPGESSEIFEFTTQKEYSISAAAIAIFSLGFILGSLCVLLSLGKKRDY LLRPASMFYAFAGLCILVSVEVMRQSVKRMIDSEDTVWIEYYYSWSFACACAAFIILLGGLALLLF SLPRMPRNPWESCMDAEPFH
Host	Rabbit
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — CACNG1

Entrez GeneID [786](#)

GeneBank Accession# [NM_000727](#)

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](#)