

Product datasheet for TA338734

CACNG6 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-CACNG6 antibody: synthetic peptide directed towards the N terminal

of human CACNG6. Synthetic peptide located within the following region:

RAHGQGRSGLTPEREGKVKLALLLAAVGATLAVLSVGTEFWVELNTYKAN

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Protein A purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 24 kDa

Gene Name: calcium voltage-gated channel auxiliary subunit gamma 6

Database Link: NP 665814

Entrez Gene 59285 Human

Q9BXT2



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CACNG6 Rabbit Polyclonal Antibody - TA338734

Background:

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 an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. 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). Alternative splicing results in multiple transcript variants. Variants in this gene have been associated with aspirin-intolerant asthma. [provided by RefSeq, Dec 2010]

Synonyms: 2310033H20Rik; AW050150; calcium channel; gamma subunit 6; MGC144251; MGC144252;

voltage-dependent; voltage-dependent calcium channel gamma-6 subunit

Note: Immunogen Sequence Homology: Human: 100%; Rabbit: 93%; Rat: 92%; Mouse: 92%; Dog:

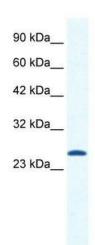
91%; Pig: 83%; Guinea pig: 83%; Bovine: 82%

Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cardiac muscle contraction, Dilated

cardiomyopathy, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway

Product images:



WB Suggested Anti-CACNG6 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:62500; Positive Control: HepG2 cell lysate