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CACNG6 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12044c

Specification

CACNG6 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q9BXT2

CACNG6 Antibody (Center) Blocking peptide - Additional Information

Gene ID 59285

Other Names
Voltage-dependent calcium channel gamma-6 subunit, Neuronal voltage-gated calcium channel gamma-6 subunit, CACNG6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CACNG6 Antibody (Center) Blocking peptide - Protein Information

Name CACNG6

Function
Regulates the activity of L-type calcium channels that contain CACNA1C as pore-forming subunit.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Detected in heart left ventricle.

CACNG6 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CACNG6 Antibody (Center) Blocking peptide - Images

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CACNG6 Antibody (Center) Blocking peptide - Background

Voltage-dependent calcium channels are composed of fivesubunits. The protein encoded by this gene represents one of thesesubunits, gamma, and is one of two known gamma subunit proteins.This particular gamma subunit is an integral membrane protein thatis thought to stabilize the calcium channel in an inactive (closed)state. This gene is part of a functionally diverse eight-memberprotein subfamily of the PMP-22/EMP/MP20 family and is located in acluster with two family members that function as transmembrane AMPAreceptor regulatory proteins (TARPs). Alternative splicing resultsin multiple transcript variants. Variants in this gene have beenassociated with aspirin-intolerant asthma.

CACNG6 Antibody (Center) Blocking peptide - References

Lee, J.S., et al. BMC Med. Genet. 11, 138 (2010) :Chen, R.S., et al. Cell Biochem. Biophys. 47(2):178-186(2007)Chu, P.J., et al. Gene 280 (1-2), 37-48 (2001) :Burgess, D.L., et al. Genomics 71(3):339-350(2001)