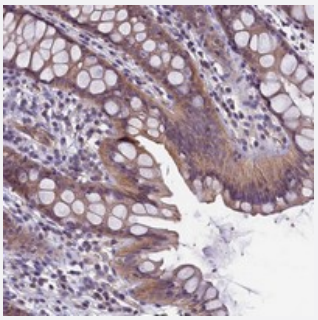
CACNG8 polyclonal antibody

Catalog # PAB23789 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum with CACNG8 polyclonal antibody (Cat # PAB23789) shows moderate cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant CACNG8.
Immunogen	Recombinant protein corresponding to amino acids of human CACNG8.
Sequence	DYWLYTRALICNTTNLTAGGDDGTPHRGGGGASEKKDPGGLTHSGL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — CACNG8

Entrez GeneID	59283
Protein Accession#	Q8WXS5
Gene Name	CACNG8
Gene Alias	-
Gene Description	calcium channel, voltage-dependent, gamma subunit 8
Omim ID	606900
Gene Ontology	Hyperlink
Gene Summary	Voltage-dependent calcium channels couple membrane depolarization in a number of cellular pro cesses. These activities are regulated by distinct channels composed of the pore-forming alpha-1 subunit and the modulatory beta, alpha-2/delta and gamma subunits. The protein encoded by this gene represents one of the gamma subunits. It is an integral membrane protein that is thought to s tabilize the calcium channel in an inactive (closed) state. This gene is located in a cluster with two similar gamma subunit-encoding genes on chromosome 19. The mRNA for this gene is believed t o initiate translation from a non-AUG (CUG) start codon. [provided by RefSeq
Other Designations	neuronal voltage-gated calcium channel gamma-8 subunit|voltage-dependent calcium channel ga mma-8 subunit

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Cardiac muscle contraction
- Hypertrophic cardiomyopathy (HCM)

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- MAPK signaling pathway

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