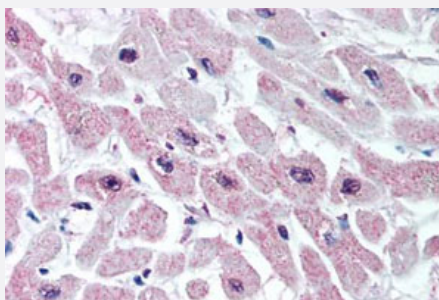


KCNJ3 polyclonal antibody

Catalog # PAB26051

Size 50 ug

Applications



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

Immunohistochemical staining of human heart with KCNJ3 polyclonal antibody (Cat # PAB26051).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNJ3.
Immunogen	A synthetic peptide corresponding to 16 amino acids at internal region of human KCNJ3.
Host	Rabbit
Reactivity	Bovine, Guinea pig, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NID2 (100%), CSE1L (50%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10-15 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

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Gene Info — KCNJ3

Entrez GeneID [3760](#)

Protein Accession# [NP_002230.1](#)

Gene Name KCNJ3

Gene Alias GIRK1, KGA, KIR3.1

Gene Description potassium inwardly-rectifying channel, subfamily J, member 3

Omim ID [601534](#)

Gene Ontology [Hyperlink](#)

Gene Summary Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins and plays an important role in regulating heartbeat. It associates with three other G-protein-activated potassium channels to form a heteromultimeric pore-forming complex. [provided by RefSeq]

Other Designations G protein-activated inward rectifier potassium channel 1|inward rectifier K+ channel KIR3.1|potassium inwardly-rectifying channel J3

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Epilepsy](#)

- [Genetic Predisposition to Disease](#)
- [Sick Sinus Syndrome](#)