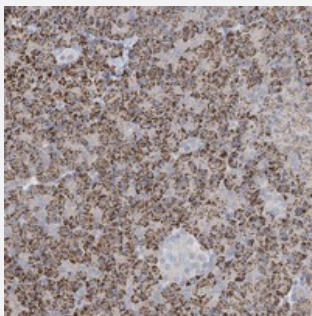


KCNV2 polyclonal antibody

Catalog # PAB22517 Size 100 uL

Applications



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

Immunohistochemical staining of human pancreas with KCNV2 polyclonal antibody (Cat # PAB22517) shows strong granular cytoplasmic positivity in exocrine glandular cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant KCNV2.
Immunogen	Recombinant protein corresponding to amino acids of human KCNV2.
Sequence	WNTTENEGSQHRRSICSLGARSGSQASIHGWTEGNYNYYEEDEDGEEDQWKDDLAEEDQQA GEVTTAKPEGSPDPPALLSTLNVNVGGHSYQLDYCELA
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.

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 — KCNV2

Entrez GeneID[169522](#)**Protein Accession#**[Q8TDN2](#)**Gene Name**

KCNV2

Gene Alias

KV11.1, Kv8.2, MGC120515, RCD3B

Gene Description

potassium channel, subfamily V, member 2

Omim ID[607604](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium voltage-gated channel subfamily V. This member is identified as a 'silent subunit', and it does not form homomultimers, but forms heteromultimers with several other subfamily members. Through obligatory heteromerization, it exerts a function-altering effect on other potassium channel subunits. This protein is strongly expressed in pancreas and has a weaker expression in several other tissues. [provided by RefSeq]

Other Designations

OTTHUMP00000020986|voltage-gated potassium channel Kv8.2