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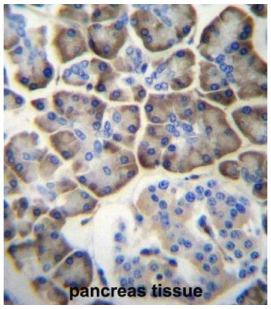
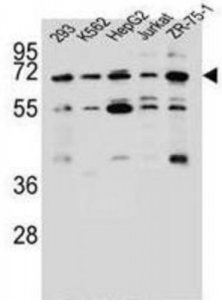
DATASHEET

Potassium Voltage-Gated Channel Modifier Subfamily V Member 2 (KCNV2) Antibody

Catalogue No.:abx027199





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.

Target:	KCNV2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Human KCNV2.
Purification:	Peptide Affinity Purified Rabbit Polyclonal Antibody.

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Isotype:	IgG
Conjugation:	Unconjugated
Specificity:	This KCNV2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 478-507 amino acids from the C-terminal region of human KCNV2.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	Q8TDN2
Gene Symbol:	KCNV2
Buffer:	PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Note:	This product is for research use only.