

Rabbit KCNV2 Polyclonal Antibody | anti-KCNV2 antibody

KCNV2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288967	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

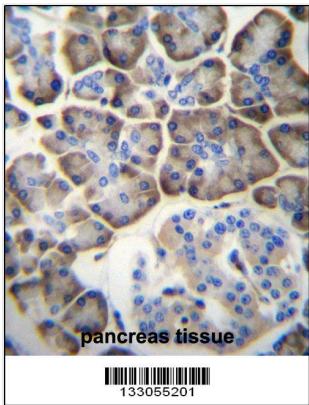
PRODUCT SYNONYMS

KCNV2; Polyclonal Antibody; KCNV2 Antibody (C-term); Potassium voltage-gated channel subfamily V member 2; Voltage-gated potassium channel subunit Kv82; anti-KCNV2 antibody

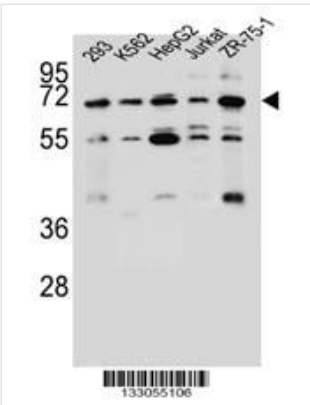
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	478-507
Sequence Length	545
Applicable Applications for anti-KCNV2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
KCNV2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KCNV2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
KCNV2 Antibody (C-term) western blot analysis in 293,K562,HepG2,Jurkat,ZR-75-1 cell line lysates (35ug/lane).This demonstrates the KCNV2 antibody detected the KCNV2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KCNV2 antibody	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.
Product Categories/Family for anti-KCNV2 antibody	Neuroscience
References	Robson, A.G., et al. Retina (Philadelphia, Pa.) 30(1):51-62(2010) Ben Salah, S., et al. Am. J. Ophthalmol. 145(6):1099-1106(2008) Wissinger, B., et al. Invest. Ophthalmol. Vis. Sci. 49(2):751-757(2008) Thiagalingam, S., et al. Ophthalmic Genet. 28(3):135-142(2007) Balijepalli, R.C., et al. Channels (Austin) 1(4):263-272(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424136
NCBI GeneID	169522
NCBI Accession #	NP_598004.1
NCBI GenBank Nucleotide #	NM_133497.3
UniProt Accession #	Q8TDN2; Q5T6X0
Molecular Weight	62459
NCBI Official Full Name	potassium voltage-gated channel subfamily V member 2
NCBI Official Synonym Full Names	potassium channel, voltage gated modifier subfamily V, member 2

NCBI Official Symbol	KCNV2
NCBI Official Synonym Symbols	Kv8.2; RCD3B; KV11.1
NCBI Protein Information	potassium voltage-gated channel subfamily V member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily V member 2
UniProt Gene Name	KCNV2
UniProt Entry Name	KCNV2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcnv2-antibody-immunohistochemistry-western-blot-elisa/288967>