

Datasheet for ABIN657006
anti-KCNV2 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	KCNV2
Binding Specificity:	AA 478-507, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB33055
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNV2
Alternative Name:	KCNV2 (KCNV2 Products)
Background:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion

Target Details

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.

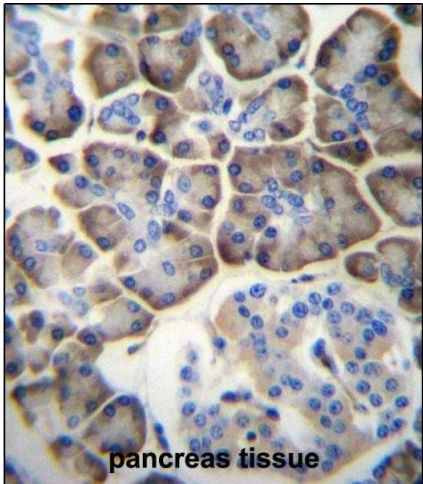
Molecular Weight:	62459
Gene ID:	169522
NCBI Accession:	NP_598004
UniProt:	Q8TDN2

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

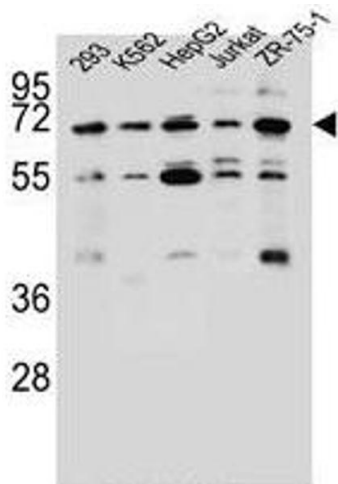
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	KCNV2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. KCNV2 Antibody (C-term) (ABIN657006 and ABIN2846186) 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.



Western Blotting

Image 2. KCNV2 Antibody (C-term) (ABIN657006 and ABIN2846186) western blot analysis in 293, K562, HepG2, Jurkat, ZR-75-1 cell line lysates (35 μ g/lane). This demonstrates the KCNV2 antibody detected the KCNV2 protein (arrow).