

Product datasheet for **TA338726**

KCNV2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KCNV2 antibody: synthetic peptide directed towards the N terminal of human KCNV2. Synthetic peptide located within the following region: RSGSQASIHGWTEGNYNYIEEDEDGEEEDQWKDDLAEEDQQAGEVTTAK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	potassium voltage-gated channel modifier subfamily V member 2
Database Link:	NP_598004 Entrez Gene 169522 Human Q8TDN2



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Background:

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, Jul 2008]

Synonyms:

Kv8.2; KV11.1; RCD3B

Note:

Immunogen Sequence Homology: Human: 100%; Pig: 79%

Protein Families:

Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:

WB Suggested Anti-KCNV2 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: 293T cell lysate