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KCNV2

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:1000 - 1:2000

Calculated MW:62kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human KCNV2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Kv8.2; RCD3B; KV11.1;

Catalog #:A10340

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:169522

Isotype: IgG

Swiss Prot:Q8TDN2

Purity: Affinity purification

For research use only.

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.

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