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Product datasheet for TA331462

KCNV1 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-KCNV1 antibody: synthetic peptide directed towards the N terminal of human KCNV1. Synthetic peptide located within the following region: ALGDCFTVNVGGSRFVLSQQALSCFPHTRLGKLAVVVASYRRPGALAAVP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	potassium voltage-gated channel modifier subfamily V member 1
Database Link:	NP_055194 Entrez Gene 27012 Human Q6PIU1

View online »

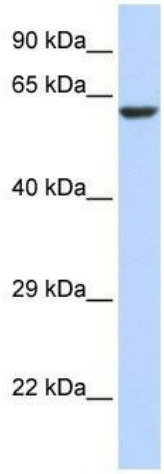
Background: Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. KCNV1 is a member of the potassium voltage-gated channel subfamily V. This protein is essentially present in the brain, and its role might be to inhibit the function of a particular class of outward rectifier potassium channel types.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 protein is essentially present in the brain, and its role might be to inhibit the function of a particular class of outward rectifier potassium channel types.

Synonyms: HNKA; KCNB3; KV2.3; KV8.1

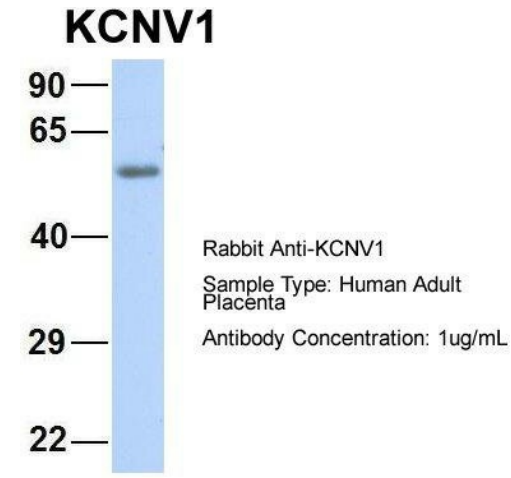
Note: Human: 100%; Pig: 93%; Rabbit: 93%; Rat: 92%; Mouse: 92%; Guinea pig: 92%; Dog: 86%; Horse: 86%; Bovine: 86%

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

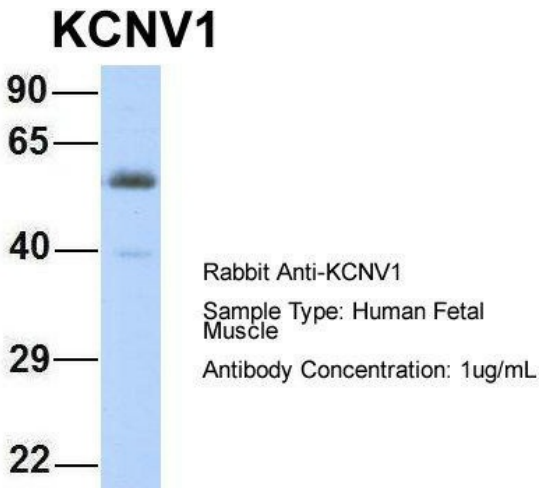
Product images:



WB Suggested Anti-KCNV1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: 293T cell lysate



2Hum. Adult Placenta; Host: Rabbit; Target Name: CHAD; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0ug/ml



Host: Rabbit; Target Name: KCNV1; Sample Tissue: Human Fetal Muscle; Antibody Dilution: 1.0ug/ml