

## Product datasheet for **TA355748**

### KCNV1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human KCNV1
Specificity:	<b>Expected reactivity:</b> Dog, Horse, Human, Mouse, Pig, Rat <b>Homology:</b> Dog: 92%; Horse: 92%; Human: 100%; Mouse: 87%; Pig: 93%; Rat: 87%
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:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55kDa
Gene Name:	potassium voltage-gated channel modifier subfamily V member 1
Database Link:	<a href="#">XP_005250923</a> <a href="#">Entrez Gene 27012 Human</a> <a href="#">Q6PIU1</a>



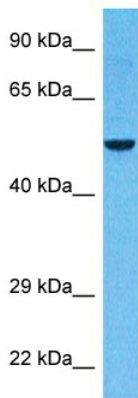
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**Background:**

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 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

**Product images:**

Host: Rabbit  
Target Name: KCNV1  
Sample Tissue: 786-0 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: KCNV1  
Sample Tissue: Human 786-0 Whole Cell  
Antibody Dilution: 1ug/ml