

### OriGene Technologies, Inc.

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# Product datasheet for TA355742

## **KCNC4 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 KCNC4
Specificity:	<b>Expected reactivity</b> : Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat <b>Homology</b> : Cow: 93%; Dog: 79%; Horse: 92%; Human: 100%; Mouse: 93%; Pig: 86%; Rabbit: 93%; Rat: 100%
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.
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:	69kDa
Gene Name:	potassium voltage-gated channel subfamily C member 4
Database Link:	<u>NP_004969</u> <u>Entrez Gene 3749 Human</u> <u>Q03721</u>

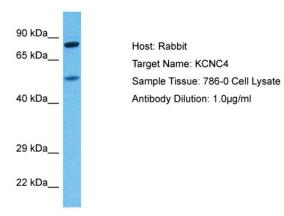


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# Image: Critical StressKCNC4 Rabbit Polyclonal Antibody - TA355742Background:The Shaker gene family of Drosophila encodes components of voltage-gated potassium<br/>channels and is comprised of four subfamilies. Based on sequence similarity, this gene is<br/>similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed<br/>rectifier class of channel proteins and is an integral membrane protein that mediates the<br/>voltage-dependent potassium ion permeability of excitable membranes. It generates atypical<br/>voltage-dependent transient current that may be important for neuronal excitability. Multiple<br/>transcript variants have been found for this gene.

Synonyms: HKSHIIIC; KSHIIIC; KV3.4; MGC126818

### **Product images:**



Host: Rabbit Target Name: KCNC4 Sample Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml

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