

## Product datasheet for **TA322687**

### KCNC3 Rabbit Polyclonal Antibody

#### Product data:

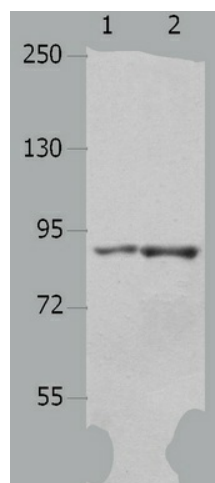
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:2000-5000, WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide peptide corresponding to a region derived from 616-726 amino acids of human potassium voltage-gated channel, Shaw-related subfamily, member 3
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	potassium voltage-gated channel subfamily C member 3
Database Link:	<a href="#">NP_004968</a> <a href="#">Entrez Gene 16504 MouseEntrez Gene 117101 RatEntrez Gene 3748 Human Q14003</a>
Background:	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity; this gene is similar to one of these subfamilies; namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes.
Synonyms:	KSHIID; KV3.3; SCA13



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

**Product images:**



Predicted band size: 81 kDa. Positive control:  
293T cell and mouse brain tissue lysate.  
Recommended dilution: 1/500-2000