

Product datasheet for **TA338539**

KCNQ3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse, Hamster
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Kcnq3 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: TPKHKKSQKGSFTYPSQQSPRNEPYVARAATSETEDQSMMGKFKVERQ
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:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	97 kDa
Gene Name:	potassium voltage-gated channel subfamily Q member 3
Database Link:	NP_004510 Entrez Gene 110862 Mouse O43525
Background:	Probably important in the regulation of neuronal excitability. Associates with KCNQ2 to form a potassium channel with essentially identical properties to the channel underlying the native M-current, a slowly activating and deactivating potassium conductance which plays a critical role in determining the subthreshold electrical excitability of neurons as well as the responsiveness to synaptic inputs.



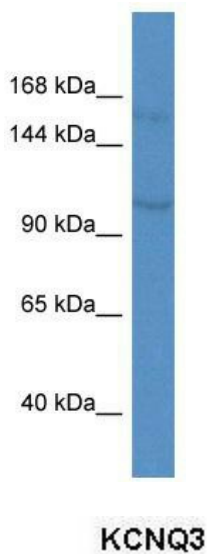
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Synonyms: BFNC2; EBN2; KV7.3

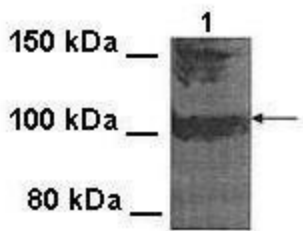
Note: Immunogen Sequence Homology: Human: 100%; Rat: 93%; Mouse: 93%; Pig: 86%; Horse: 86%; Rabbit: 86%; Guinea pig: 86%; Dog: 79%; Bovine: 79%

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

Product images:



WB Suggested Anti-Kcnq3 Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Heart



Lanes: ; 100 ug CHO cell lysate; Primary Antibody Dilution: ; 1:1000; Secondary Antibody: ; Goat anti-rabbit HRP; Secondary Antibody Dilution: ; 1:25000; Gene Name: ; Kcnq3; Submitted by: ; Anonymous;