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Datasheet for ABIN2776162 anti-KCNQ3 antibody (Middle Region)

2 Images



Overview

Quantity:	100 µL
Target:	KCNQ3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	TPKHKKSQKG SAFTYPSQQS PRNEPYVARA ATSETEDQSM MGKFVKVERQ
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Kcnq3. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	KCNQ3
Alternative Name:	Kcnq3 (KCNQ3 Products)

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Target Details Kcnq3 is probably important in the regulation of neuronal excitability. It associates with KCNQ2 Background: 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. Alias Symbols: -Protein Interaction Partner: Anxa6, Protein Size: 873 Molecular Weight: 97 kDa Gene ID: 110862 NCBI Accession: NM_152923, NP_690887 UniProt: Q8K3F6

Application Details

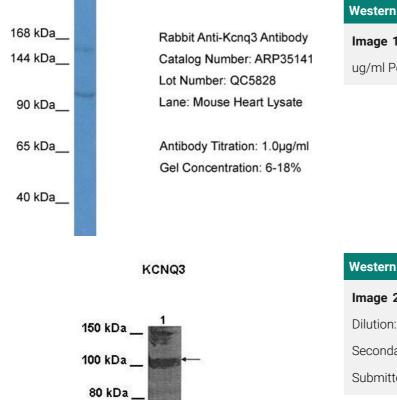
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 873 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

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Images



Western Blotting

Image 1. WB Suggested Anti-Kcnq3 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Heart

Western Blotting

Image 2. 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

See Immunoblot 2 Data and Customer Feedback for more information

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