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# Datasheet for ABIN2776176 anti-KCNJ9 antibody (Middle Region)

2 Images



### Overview

Quantity:	100 μL
Target:	KCNJ9
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Goat, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ9 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCNJ9
Sequence:	CQARSSYLVD EVLWGHRFTS VLTLEDGFYE VDYASFHETF EVPTPSCSAR
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 93%, Guinea Pig: 100%, Horse: 77%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against KCNJ9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	KCNJ9

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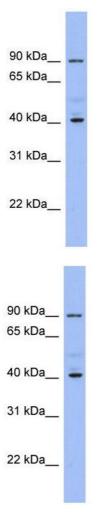
Alternative Name:	KCNJ9 (KCNJ9 Products)
Background:	Potassium channels are present in most mammalian cells, where they participate in a wide
	range of physiologic responses. The protein encoded by this gene is an integral membrane
	protein and inward-rectifier type potassium channel. The encoded protein, whi
	Alias Symbols: GIRK3, KIR3.3
	Protein Interaction Partner: KCNJ3, KCNJ9, KCNJ6, DRD2, ADRB2, DRD4,
	Protein Size: 393
Molecular Weight:	44 kDa
Gene ID:	3765
NCBI Accession:	NM_004983, NP_004974
UniProt:	Q92806
Application Details	
Application Notes	Ontimal working dilutions should be determined experimentally by the investigator

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 393 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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#### Western Blotting

**Image 1.** WB Suggested Anti-KCNJ9 Antibody Titration: 0.2-1 μg/mL ELISA Titer: 1:.2500 Positive Control: NCI-H226 cell lysate KCNJ9 is supported by BioGPS gene expression data to be expressed in NCIH226

#### Western Blotting

**Image 2.** WB Suggested Anti-KCNJ9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: NCI-H226 cell lysate KCNJ9 is supported by BioGPS gene expression data to be expressed in NCIH226

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