Datasheet for ABIN719769

anti-KCNJ9 antibody (PE-Cy7)

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Overview

Quantity:	100 µL
Target:	KCNJ9
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ9 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIRK3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	KCNJ9
Alternative Name:	GIRK3 (KCNJ9 Products)
Background:	Synonyms: G protein activated inward rectier potassium channel 3, G protein coupled inward rectier potassium channel, GIRK3, Inwardly rectier K+ channel Kir3.3, Inwardly rectier K+ channel KIR3.3, KIR3.3, Potassium channel inwardly rectying subfamily J member 9, Potassium inwardly rectying channel subfamily J member 9, Potassium inwardly rectying channel

Target Details

	subfamily J9. Background: KCNJ9 belongs to the inward rectifier-type potassium channel family and is controlled by G proteins. It associates with another G-protein-activated potassium channel to form a heteromultimeric pore-forming complex. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium, as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium.
Molecular Weight:	44kDa
Gene ID:	3760

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months