

Datasheet for ABIN1397469

anti-KCNJ8 antibody (AA 61-160) (Biotin)



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Overview

Quantity:	100 µL
Target:	KCNJ8
Binding Specificity:	AA 61-160
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ8 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human kir 6.1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KCNJ8
Alternative Name:	kir 6.1 (KCNJ8 Products)

Target Details

Background:	Synonyms: KIR6.1, uKATP-1, ATP-sensitive inward rectifier potassium channel 8, Inward rectifier K(+) channel Kir6.1, Potassium channel, inwardly rectifying subfamily J member 8, KCNJ8 Background: This potassium channel is controlled by G proteins. 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. Can be blocked by external barium (By similarity).
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Gene ID:	3764
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UniProt:	Q15842
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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Restrictions:	For Research Use only
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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:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months