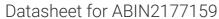
antibodies - online.com







anti-KCNJ2 antibody (AA 31-130)



Publication



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Quantity:	100 μL
Target:	KCNJ2
Binding Specificity:	AA 31-130
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Kir2.1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

KCNJ2

Target Details

Alternative Name:	Kir2.1 (KCNJ2 Products)	
Background:	Synonyms: IRK1, LQT7, SQT3, ATFB9, HHIRK1, KIR2.1, HHBIRK1, Inward rectifier potassium	
	channel 2, Cardiac inward rectifier potassium channel, Inward rectifier K(+) channel Kir2.1, IRK-	
	1, hIRK1, Potassium channel, inwardly rectifying subfamily J member 2, KCNJ2	
	Background: Probably participates in establishing action potential waveform and excitability of	
	neuronal and muscle tissues. 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 extracellular barium or cesium.	
Gene ID:	3759	
UniProt:	P63252	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	FCM 1:20-100	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Zhao, Xu, Yun, Zhao, Li, Gong, Yuan, Yan, Zhang, Ding, Wang, Zhang, Dong, Xiu, Yang, Liu, Xue, Li
	: "Chronic obstructive sleep apnea causes atrial remodeling in canines: mechanisms and

implications." in: Basic research in cardiology, Vol. 109, Issue 5, pp. 427, (2014) (PubMed).