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## anti-KCNJ5 antibody (N-Term)

2 Images



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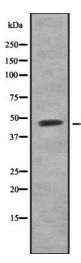
Overview	
Quantity:	100 μL
Target:	KCNJ5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNJ5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human KIR3.4/KCNJ5, corresponding to a region within N-
	terminal amino acids.
Isotype:	IgG
Specificity:	KIR3.4/KCNJ5 Antibody detects endogenous levels of total KIR3.4/KCNJ5.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling
	Resin (Thermo Fisher Scientific).
Target Details	
Target:	KCNJ5

## **Target Details**

Expiry Date:

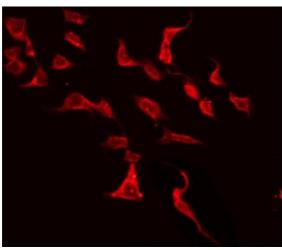
rarget Details	
Alternative Name:	KCNJ5 (KCNJ5 Products)
Background:	Description: This potassium channel is controlled by G proteins. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is 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.  Gene: KCNJ5
Molecular Weight:	48kDa
Gene ID:	3762
UniProt:	P48544
Pathways:	Notch Signaling
Application Details	
Application Notes:	WB 1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide 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. Stable for 12 months from date of receipt.

12 months



### **Western Blotting**

**Image 1.** Western blot analysis of KIR3.4 using HeLa whole cell lysates



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6272335 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.