Datasheet for ABIN6243349

anti-KIR5.1 antibody (AA 286-319)

1 Image

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Overview

Quantity:	400 µL
Target:	KIR5.1 (KCNJ16)
Binding Specificity:	AA 286-319
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIR5.1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNJ16 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 286-319 amino acids from the Central region of human KCNJ16.
Clone:	RB49621
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KIR5.1 (KCNJ16)
Alternative Name:	KCNJ16 (KCNJ16 Products)

Target Details

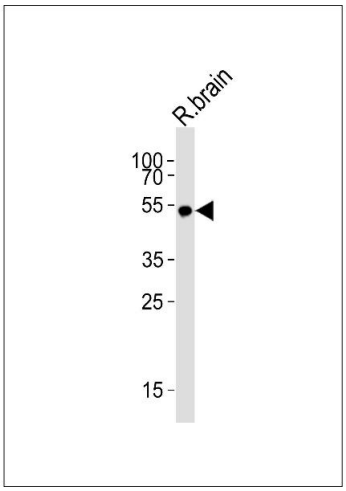
Background:	Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium, as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. KCNJ16 may be involved in the regulation of fluid and pH balance.
Molecular Weight:	47949
UniProt:	Q9NPI9

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of lysate from rat brain tissue lysate, using KCNJ16 Antibody (Center) (ABIN6243349 and ABIN6577612). (ABIN6243349 and ABIN6577612) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35 µg.