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Datasheet for ABIN1538058 anti-KCNJ10 antibody (AA 203-230)

2 Images



Overview

Quantity:	400 µL
Target:	KCNJ10
Binding Specificity:	AA 203-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

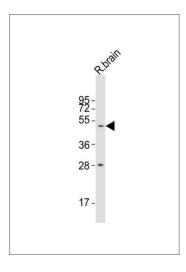
Immunogen:	This KCNJ10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-230 amino acids from the Central region of human KCNJ10.
Clone:	RB36974
lsotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNJ10
Alternative Name:	KCNJ10 (KCNJ10 Products)
Background:	This gene encodes a member of the inward rectifier-type potassium channel family,

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	characterized by having a greater tendency to allow potassium to flow into, rather than out of, a
	cell. The encoded protein may form a heterodimer with another potassium channel protein and
	may be responsible for the potassium buffering action of glial cells in the brain. Mutations in
	this gene have been associated with seizure susceptibility of common idiopathic generalized
	epilepsy syndromes.
Molecular Weight:	42508
Gene ID:	3766
NCBI Accession:	NP_002232
UniProt:	P78508
Pathways:	Dicarboxylic Acid Transport, Regulation of long-term Neuronal Synaptic Plasticity
Application Details	
Application Notes:	WB: 1:1000. WB: 1:2000
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
Storage Comment:	KCNJ10 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term
	storage, keep at -20 °C.
Expiry Date:	6 months



95 72 55 - ◀ 36 28

Western Blotting

Image 1. Anti-KCNJ10 Antibody (Center)at 1:2000 dilution + rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 2. KCNJ10 Antibody (Center) (ABIN1538058 and ABIN2848869) western blot analysis in HL-60 cell line lysates (35 µg/lane).This demonstrates the KCNJ10 antibody detected the KCNJ10 protein (arrow).

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