

Kv2.1/KCNB1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06873
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Kv2.1/KCNB1 Polyclonal
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Potassium voltage-gated channel subfamily B member 1
Synonyms	Potassium voltage-gated channel subfamily B member 1 (Delayed rectifier potassium channel 1;DRK1;h-DRK1;Voltage-gated potassium channel subunit Kv2.1); Potassium voltage-gated channel subfamily B member 1; Delayed rectifier potassium channel 1; DRK1; h-DRK1; Voltage-gated potassium channel subunit Kv2.1)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. Four sequence-related potassium channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has been shown to have human homolog(s). This gene encodes a member of the potassium channel, voltage-gated, shab-related subfamily. This member is a delayed rectifier potassium channel and its activity is modulated by some other family members.

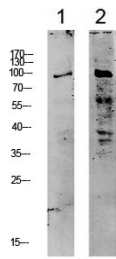
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



1 CACO2
2 customer's

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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