antibodies

## Datasheet for ABIN238567 anti-Kv2.1/KCNB1 antibody (Internal Region)



Overview

Quantity:	100 µg
Target:	Kv2.1/KCNB1 (KCNB1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Kv2.1/KCNB1 antibody is un-conjugated
Application:	ELISA

## Product Details

Purpose:	KCNB1 / DRK1
Immunogen:	Peptide with sequence C-HQYIDADTDDEGQ, from the internal region of the protein sequence according to NP_004966.1.
Sequence:	HQYIDADTDD EGQ
Isotype:	lgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

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Target Details	
Target:	Kv2.1/KCNB1 (KCNB1)
Alternative Name:	KCNB1 (KCNB1 Products)
Background:	KCNB1, potassium voltage-gated channel, Shab-related subfamily, member 1, DRK1, KV2.1, h- DRK1, delayed rectifier potassium channel Kv2.1, h-DRK1 K channel, potassium channel protein DRK1, potassium voltage-gated channel subfamily B member 1, voltage-gated
Gene ID:	3745, 16500, 25736
NCBI Accession:	NP_004966
Pathways:	Synaptic Membrane
Application Details	
Application Notes:	Western Blot: Preliminary experiments gave a 100 kDa band and additional stronger bands at approx 50 kDa and 38 kDa in Human Brain (Cerebellum) and Heart lysates after 0.5 µg/mL antibody staining. Please note that currently we cannot find an explanation in t Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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