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Datasheet for ABIN6284991
anti-Kv2.1/KCNB1 antibody (AA 740-820)

Overview

Quantity:	50 µL
Target:	Kv2.1/KCNB1 (KCNB1)
Binding Specificity:	AA 740-820
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv2.1/KCNB1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal to KV2.1.
Immunogen:	Synthesized peptide derived from human KV2.1 around the non-phosphorylation site of S805.
Isotype:	IgG
Specificity:	KV2.1 Polyclonal Antibody detects endogenous levels of KV2.1 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Kv2.1/KCNB1 (KCNB1)
Alternative Name:	KV2.1 (KCNB1 Products)

Target Details

Molecular Weight:	90 kDa
Gene ID:	3745
UniProt:	Q14721
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB 1:500-1:2000 ELISA 1:20000
Comment:	Expressed in neocortical pyramidal cells . Expressed in pancreatic beta cells (at protein level) . Expressed in brain, heart, lung, liver, colon, kidney and adrenal gland . Expressed in the cortex, amygdala, cerebellum, pons, thalamus, hypothalamus, hippocampus and substantia nigra .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.