

For Research Use Only

# KCNB1-Specific Recombinant antibody

Catalog Number: 86281-1-RR



## Basic Information

Catalog Number:	86281-1-RR	GenBank Accession Number:	NM_004975	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	3745	CloneNo.:	250621A12
Source:	Rabbit	UNIPROT ID:	Q14721	Recommended Dilutions:	WB: 1:500-1:2000
Isotype:	IgG	Full Name:	potassium voltage-gated channel, Shab-related subfamily, member 1	Calculated MW:	96 kDa
		Observed MW:	120 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse, rat	WB: mouse brain tissue, rat brain tissue

## Background Information

KCNB1, also named as DRK1, KV2.1, and h-DRK1, belongs to the potassium channel family and B (Shab) subfamily. KCNB1 mediates the voltage-dependent potassium ion permeability of excitable membranes. Channels open or close in response to the voltage difference across the membrane, letting potassium ions pass in accordance with their electrochemical gradient. The antibody is specific to KCNB1.

## Storage

Storage: Store at -20°C. Stable for one year after shipment.  
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

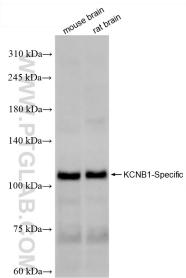
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86281-1-RR (KCNB1-Specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.