

For Research Use Only

# KCNB1-Specific Recombinant antibody, PBS Only

Catalog Number: 86281-1-PBS



## Basic Information

Catalog Number:

86281-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_004975

GeneID (NCBI):

3745

UNIPROT ID:

Q14721

Full Name:

potassium voltage-gated channel,  
Shab-related subfamily, member 1

Calculated MW:

96 kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

250621A12

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

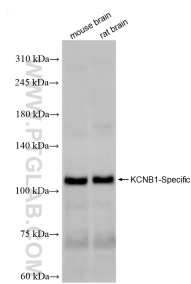
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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. This data was developed using the same antibody clone with 86281-1-PBS in a different storage buffer formulation.