

For Research Use Only

# KCNB1-Specific Recombinant antibody

Catalog Number: 86281-1-RR



## Basic Information

Catalog Number:

86281-1-RR

Size:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

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

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

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

\*\*\* 20ul sizes contain 0.1% BSA

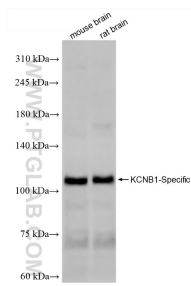
For technical support and original validation data for this product please contact:

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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.