

For Research Use Only

# PLEKHB1 Polyclonal antibody

Catalog Number: 10512-1-AP



## Basic Information

### Catalog Number:

10512-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0797

### GenBank Accession Number:

BC008075

### GeneID (NCBI):

58473

### UNIPROT ID:

Q9UF11

### Full Name:

pleckstrin homology domain containing, family B (evectins) member 1

### Calculated MW:

21 kDa

### Observed MW:

50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : SH-SY5Y cells,

## Background Information

PLEKHB1, also named as Evectin-1, EVT1, KPL1, PHR1 and PHRET1, is required for proper localization of retinogeniculate projections but not for eye-specific segregation. PLEKHB1 has 4 isoforms with MW from 21-27kd. It has Dimer form with MW 42-54 kDa.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

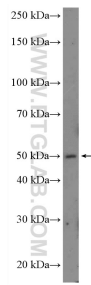
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## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 10512-1-AP (PLEKHB1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.