

For Research Use Only

# PLEKHN1 Polyclonal antibody

Catalog Number: 33028-1-AP



## Basic Information

**Catalog Number:**

33028-1-AP

**Concentration:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG38741

**GenBank Accession Number:**

BC101386

**GeneID (NCBI):**

84069

**UNIPROT ID:**

Q494U1

**Full Name:**

pleckstrin homology domain  
containing, family N member 1

**Calculated MW:**

663 aa, 72 kDa

**Observed MW:**

66-71 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : A431 cells, HT-29 cells, mouse brain tissue,  
mouse cerebellum tissue, rat brain tissue, rat  
cerebellum tissue

## Background Information

PLEKHN1 (Pleckstrin Homology Domain Containing N1) is a protein-coding gene located on chromosome 1. It plays a crucial role in various cellular processes, including apoptosis and mRNA stability regulation. PLEKHN1 has been identified as a pro-apoptotic protein that enhances Bax-Bak hetero-oligomerization via interaction with Bid in colon cancer cells. (PMID: 29531808)

## 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:

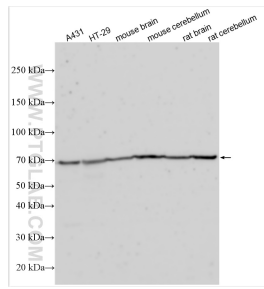
T: 4006900926

E: [Proteintech-CN@ptglab.com](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 33028-1-AP (PLEKHN1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.