

For Research Use Only

PPP1R16B Polyclonal antibody

Catalog Number: 25357-1-AP



Basic Information

Catalog Number:

25357-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19269

GenBank Accession Number:

BC131801

GeneID (NCBI):

26051

UNIPROT ID:

Q96T49

Full Name:

protein phosphatase 1, regulatory (inhibitor) subunit 16B

Calculated MW:

567 aa, 64 kDa

Observed MW:

60 kDa, 70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

PPP1R16B (Protein Phosphatase 1 Regulatory Subunit 16B), also known as TIMAP or ANKRD4, is a membrane-associated protein that acts as a regulator of protein phosphatase 1 (PP1). It contains five ankyrin repeats, a PP1-interacting domain, and a C-terminal CAAX box domain. The synthesis of PPP1R16B is inhibited by transforming growth factor-beta-1 (TGF- β -1), and it is predominantly expressed in endothelial cells. It has 2 isoforms with the molecular mass of 59 and 64 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

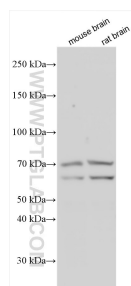
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25357-1-AP (PPP1R16B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.