

For Research Use Only

# PIP4K2C Recombinant antibody

Catalog Number: 85356-1-RR



## Basic Information

Catalog Number:

85356-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11198

GenBank Accession Number:

BC028596

GeneID (NCBI):

79837

UNIPROT ID:

Q8TBX8

Full Name:

phosphatidylinositol-5-phosphate 4-kinase, type II, gamma

Calculated MW:

421 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

242520H2

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, Jurkat cells, SH-SY5Y cells, PC-12 cells, rat brain tissue

## Background Information

PIP4K2C is involved in several processes, including 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate biosynthetic process; negative regulation of 1-phosphatidylinositol-4-phosphate 5-kinase activity; and positive regulation of autophagosome assembly. PIP4Ks negatively regulate insulin signaling through a catalytic-independent mechanism.

## 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

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

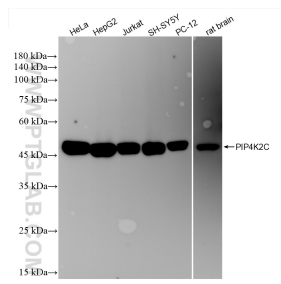
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85356-1-RR (PIP4K2C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.