

For Research Use Only

PHLPP Monoclonal antibody, PBS Only



Catalog Number: 67640-1-PBS

Basic Information

Catalog Number:

67640-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG18982

GenBank Accession Number:

BC126277

GeneID (NCBI):

23239

UNIPROT ID:

O60346

Full Name:

PH domain and leucine rich repeat protein phosphatase

Calculated MW:

1717 aa, 184 kDa

Observed MW:

185 kDa

Purification Method:

Protein A purification

CloneNo.:

2E8E6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat, pig

Background Information

PHLPP (PH domain leucine-rich-repeats protein phosphatase) belongs to a novel family of Ser/Thr protein phosphatases that consists of PHLPP1 and PHLPP2 isoforms. It has been shown that PHLPP negatively regulates multiple oncogenic pathways by directly dephosphorylating and inactivating key signaling molecules, including Akt, S6K, and RAF1. Observed MW of PHLPP is 185 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 67640-1-Ig (PHLPP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67640-1-PBS in a different storage buffer formulation.