

For Research Use Only

# Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) Recombinant monoclonal antibody, PBS Only

Catalog Number: 87648-2-PBS



## Basic Information

Catalog Number:

87648-2-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001014831

GeneID (NCBI):

10298

UNIPROT ID:

O96013

Full Name:

p21 protein (Cdc42/Rac)-activated kinase 4

Calculated MW:

64 kDa

Observed MW:

72 kDa

Purification Method:

Protein A purification

CloneNo.:

253138E10

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

PAK4 (p21-activated kinase 4) is also named as KIAA1142. It belongs to the protein kinase superfamily. Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) refers to the phosphorylated forms of the Group II p21-Activated Kinases (PAKs) at specific serine residues in their kinase activation loops. These phosphorylation events are essential for the catalytic activation of Group II PAKs and serve as definitive markers of their enzymatic activity. (PMID: 17292838)

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

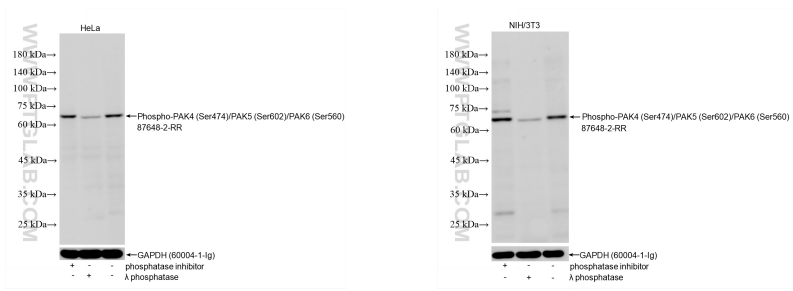
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Non-treated HeLa cells, phosphatase inhibitor treated HeLa cells and  $\lambda$  phosphatase treated HeLa cells were subjected to SDS PAGE followed by western blot with 87648-2-RR (Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control. This data was developed using the



Non-treated NIH/3T3 cells, phosphatase inhibitor treated NIH/3T3 cells and  $\lambda$  phosphatase treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 87648-2-RR (Phospho-PAK4 (Ser474)/PAK5 (Ser602)/PAK6 (Ser560) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control. This data was developed using the

