

# Phospho-PAK1/2/3-S144/S141/S139 Rabbit mAb

Catalog No.: AP1158 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

65kDa

### Calculated MW

65kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1698

## Background

This gene encodes a family member of serine/threonine p21-activating kinases, known as PAK proteins. These proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling, and they serve as targets for the small GTP binding proteins Cdc42 and Rac. This specific family member regulates cell motility and morphology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

5058/5062/5063

### Swiss Prot

Q13153/Q13177/O75914

### Immunogen

A synthetic phosphorylated peptide around S144 of human PAK1PAK1 (Q13153).

### Synonyms

PAKalpha; Phospho-PAK1/2/3-S144/S141/S139

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

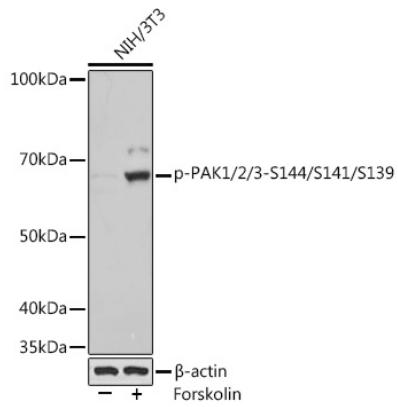
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using Phospho-PAK1/2/3-S144/S141/S139 Rabbit mAb (AP1158) at 1:1000 dilution. NIH/3T3 cells were treated by Forskolin (30  $\mu$ M) at 37°C for 30 minutes after serum-starvation overnight  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.