

# PAK1/PAK2/PAK3 Rabbit pAb

Catalog No.: A21090

## Basic Information

### Observed MW

61kDa, 66-68kDa

### Calculated MW

65kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## 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 peptide corresponding to a sequence within amino acids 350-450 of human PAK1/PAK2/PAK3 (NP\_002567.3).

### Synonyms

PAKalpha; PAK1/PAK2/PAK3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

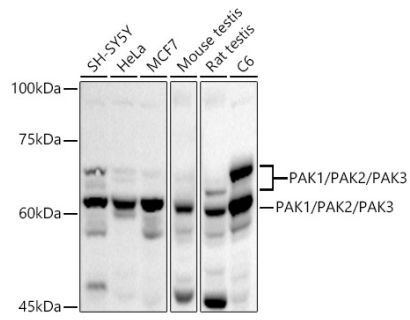
### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using PAK1/PAK2/PAK3 antibody (A21090) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.