

A4553

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# PAK2 Rabbit mAb

Catalog No.: A4553

Recombinant

3 Publications

## Basic Information

### Observed MW

58-61kDa

### Calculated MW

58kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

### CloneNo number

ARC1030

## Background

The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5062

### Swiss Prot

Q13177

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

KNO2; PAK65; PAKgamma; p58; PAK-2; S6/H4 kinase; PAK2

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

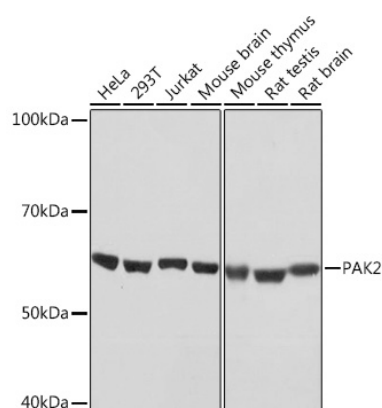
Affinity purification

### 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



Western blot analysis of various lysates using PAK2 Rabbit mAb (A4553) at 1:1000 dilution.

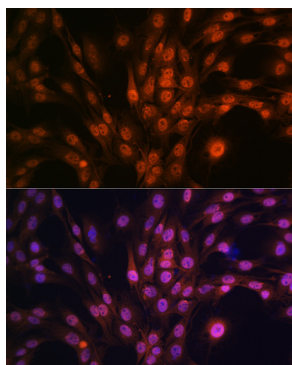
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

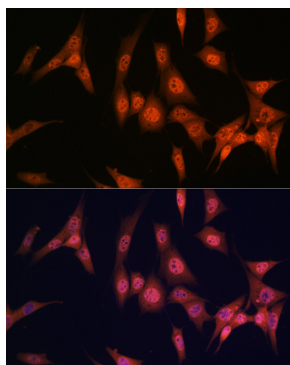
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

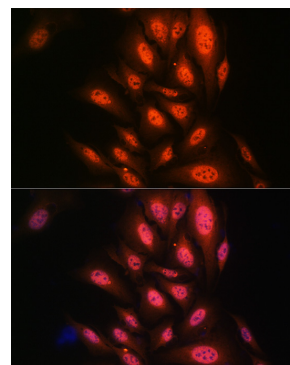
Exposure time: 10s.



Immunofluorescence analysis of C6 cells using PAK2 Rabbit mAb (A4553) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using PAK2 Rabbit mAb (A4553) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using PAK2 Rabbit mAb (A4553) at dilution of 1:100. Blue: DAPI for nuclear staining.