

# PAK2 Rabbit Polyclonal Antibody



CAB7333

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

58kDa

### Calculated MW:

58kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

5062

### Uniprot

Q13177

### Synonyms:

PAK2; PAK65; PAKgamma

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

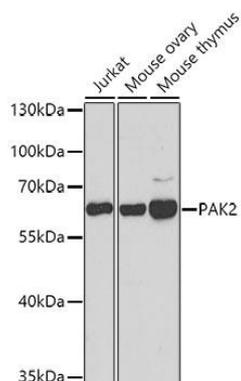
Recombinant fusion protein containing a sequence corresponding to amino acids 1-212 of human PAK2 (NP\_002568.2).

### Storage:

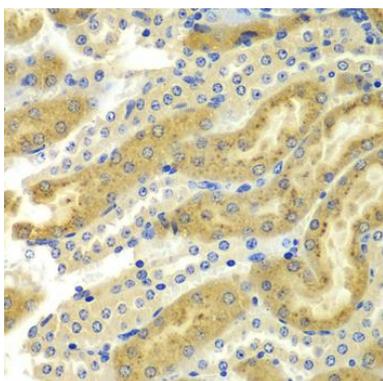
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

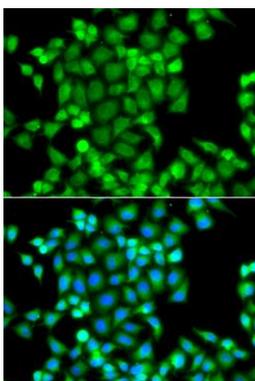
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Western blot analysis of extracts of various cell lines, using PAK2 antibody (CAB7333) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse kidney using PAK2 antibody (CAB7333) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A549 cells using PAK2 antibody (CAB7333). Blue: DAPI for nuclear staining.