

For Research Use Only

# PAK7 Polyclonal antibody

Catalog Number: 27847-1-AP



## Basic Information

### Catalog Number:

27847-1-AP

### Size:

750 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG27283

### GenBank Accession Number:

BC024179

### GeneID (NCBI):

57144

### UNIPROT ID:

Q9P286

### Full Name:

p21 protein (Cdc42/Rac)-activated kinase 7

### Calculated MW:

719 aa, 81 kDa

### Observed MW:

80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Species Specificity:

Human, mouse, rat

### Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

## Background Information

p21-activated kinase 7 (PAK7), also known as PAK5, is a member of the p21-activated kinase family (Paks). PAK7 is mainly expressed in the brain and testis and has a molecular mass of 81 kDa. It plays an important role in tumorigenesis, invasion and metastasis (PMID: 19165420).

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

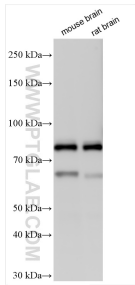
T: 4006900926

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

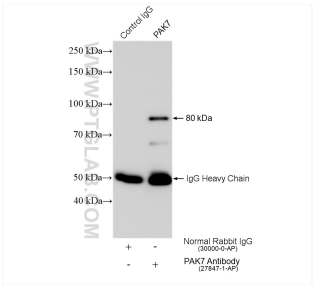
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# Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27847-1-AP (PAK7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-PAK7 (IP:27847-1-AP, 4ug; Detection:27847-1-AP 1:3000) with mouse brain tissue lysate 1280 ug.