

For Research Use Only

# PAK7 Polyclonal antibody

Catalog Number: 27847-1-AP



## Basic Information

<b>Catalog Number:</b> 27847-1-AP	<b>GenBank Accession Number:</b> BC024179	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57144	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IP 0.5-4.0 ug for IP and 1:1000-1:6000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> p21 protein (Cdc42/Rac)-activated kinase 7	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 719 aa, 81 kDa	
<b>Immunogen Catalog Number:</b> AG27283	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse , rat	<b>WB :</b> mouse brain tissue, rat brain tissue <b>IP :</b> 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

\*\*\* 20ul sizes contain 0.1% BSA

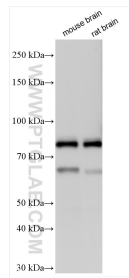
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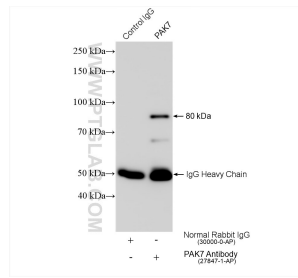
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## Selected Validation Data



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.