

For Research Use Only

# PAK4/6/7 Polyclonal antibody

Catalog Number: 12460-1-AP



## Basic Information

<b>Catalog Number:</b> 12460-1-AP	<b>GenBank Accession Number:</b> BC024179	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 57144	<b>Recommended Dilutions:</b> IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> p21 protein (Cdc42/Rac)-activated kinase 7	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 719 aa, 81 kDa	
<b>Immunogen Catalog Number:</b> AG3127	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, ELISA	<b>Positive Controls:</b> IP : mouse brain tissue, IHC : mouse brain tissue,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

PAK7(p21-activated kinase 7) is also named as KIAA1264, PAK5 and belongs to the STE Ser/Thr protein kinase family. It plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, proliferation or cell survival. The antibody can recognize PAK4/6/7. PAK4/6/7 belongs to the protein kinase superfamily, STE Ser/Thr protein kinase family and STE20 subfamily. It acts on a variety of targets.

## Storage

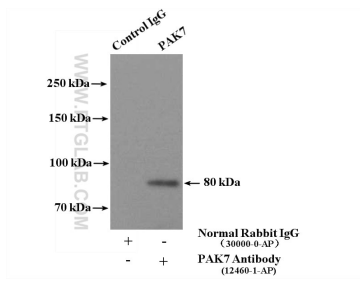
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

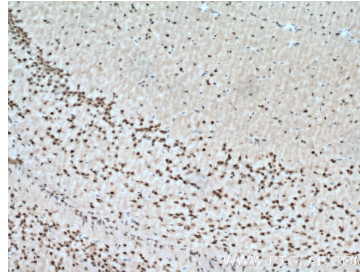
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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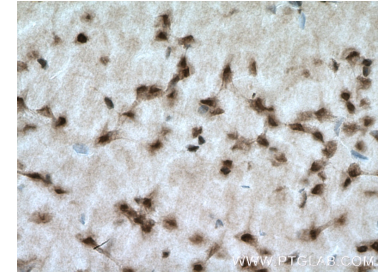
## Selected Validation Data



IP Result of anti-PAK7 (IP:12460-1-AP, 4 $\mu$ g; Detection:12460-1-AP 1:300) with mouse brain tissue lysate 5200 $\mu$ g.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12460-1-AP (PAK7 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12460-1-AP (PAK7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).