

For Research Use Only

# PAK6 Polyclonal antibody

Catalog Number: 27942-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 27942-1-AP	<b>GenBank Accession Number:</b> BC035596	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 56924	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NQU5	
<b>Isotype:</b> IgG	<b>Full Name:</b> p21 protein (Cdc42/Rac)-activated kinase 6	
<b>Immunogen Catalog Number:</b> AG27687	<b>Calculated MW:</b> 681 aa, 75 kDa	
	<b>Observed MW:</b> 70-75 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> Human, Mouse, Rat	<b>IHC :</b> human testis tissue,
<b>Cited Species:</b> human	
<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

PAK6(p21-activated kinase 6) is a serine/threonine kinase belonging to the p21-activated kinase (PAK) family. This protein plays a role in the regulation of gene transcription and may protect cells from apoptosis through phosphorylation of BAD. Northern blot analysis revealed that PAK6 is highly expressed in testis and prostate tissues (PMID:11278661). The immunogen of this antibody is the N-terminal of PAK6. This antibody is specific to PAK6.

## Notable Publications

Author	Pubmed ID	Journal	Application
Fu-Chun Huo	37480971	Pharmacol Res	WB

## Storage

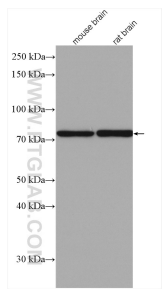
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

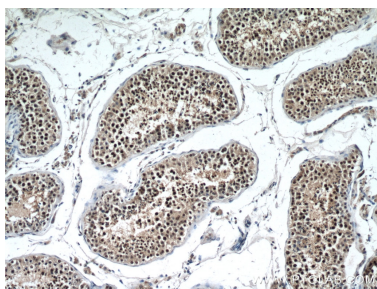
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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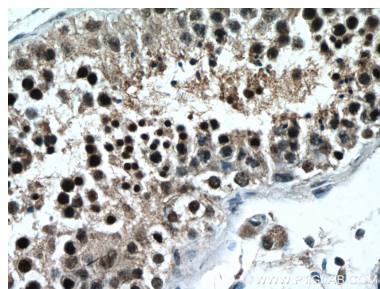
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27942-1-AP (PAK6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 27942-1-AP (PAK6 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 human testis tissue slide using 27942-1-AP (PAK6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).