

For Research Use Only

# PAAF1 Polyclonal antibody

Catalog Number: 17650-1-AP 2 Publications



## Basic Information

<b>Catalog Number:</b> 17650-1-AP	<b>GenBank Accession Number:</b> BC028628	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 80227	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:20-1:200 IF/ICC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BRP4	
<b>Isotype:</b> IgG	<b>Full Name:</b> proteasomal ATPase-associated factor 1	
<b>Immunogen Catalog Number:</b> AG11892	<b>Calculated MW:</b> 375 aa, 40 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IHC	<b>WB:</b> Jurkat cells, HEK-293 cells, mouse brain tissue, human brain tissue
<b>Species Specificity:</b> human, mouse	<b>IHC:</b> human testis tissue, human brain tissue, human kidney tissue
<b>Cited Species:</b> human	<b>IF/ICC:</b> HEK-293 cells,
<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

PAAF1(Proteasomal ATPase-associated factor 1) is also named as WDR71 and belongs to the WD repeat PAAF1/RPN14 family. It functions as a negative regulator of the proteasome by controlling the assembly/disassembly of the proteasome. PAAF1 has 3 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Si Zhao	31285951	Am J Cancer Res	WB
Aojia Zhuang	37158593	Elife	IHC

## 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:

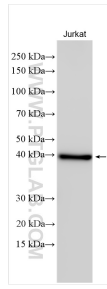
T: 4006900926

E: Proteintech-CN@ptglab.com

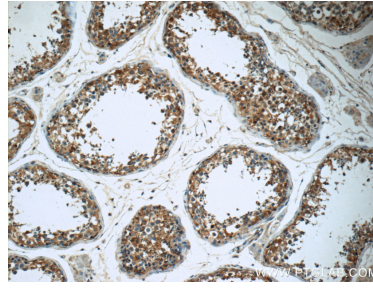
W: ptgcn.com

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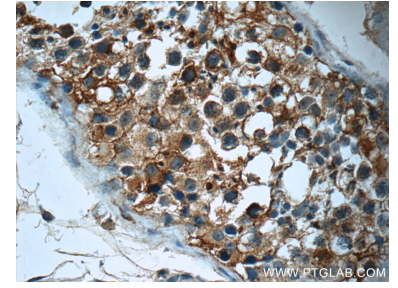
## Selected Validation Data



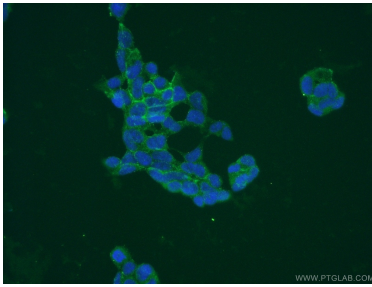
Jurkat cells were subjected to SDS PAGE followed by western blot with 17650-1-AP (PAAF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17650-1-AP (PAAF1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17650-1-AP (PAAF1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HEK-293 cells using 17650-1-AP (PAAF1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).