

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 ug/ml	<b>GeneID (NCBI):</b> 80227	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BRP4	IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> proteasomal ATPase-associated factor 1	IF/ICC 1:200-1:800
<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> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HEK-293 cells, human brain tissue, mouse brain tissue
<b>Cited Applications:</b> WB, IHC	IHC : mouse kidney tissue, human brain tissue, human kidney tissue, human testis tissue, mouse brain tissue
<b>Species Specificity:</b> human, mouse	IF/ICC : U2OS cells,
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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

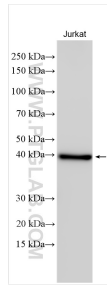
## Storage

**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

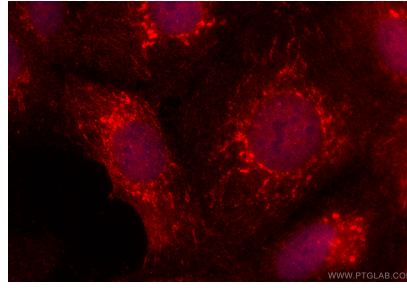
For technical support and original validation data for this product please contact:  
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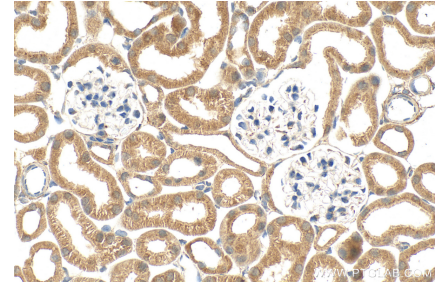
## Selected Validation Data



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.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PAAF1 antibody (17650-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17650-1-AP (PAAF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).