

For Research Use Only

PAAF1 Polyclonal antibody

Catalog Number: 17650-1-AP **2 Publications**



Basic Information

Catalog Number: 17650-1-AP	GenBank Accession Number: BC028628	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80227	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	Full Name: proteasomal ATPase-associated factor 1	
Isotype: IgG	Calculated MW: 375 aa, 40 kDa	
Immunogen Catalog Number: AG11892	Observed MW: 30 kDa	

Applications

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

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

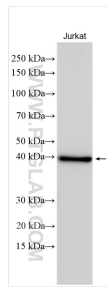
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

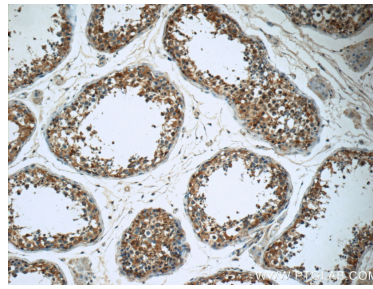
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

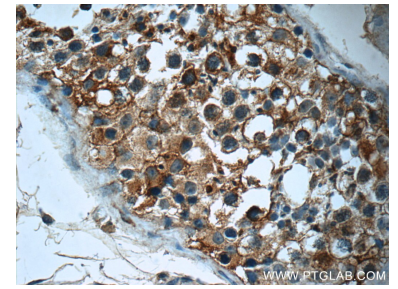
Selected Validation Data



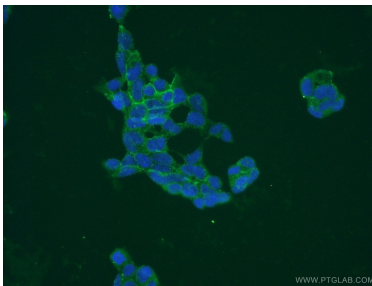
Jurkat cells were subjected to SDS PAGE followed by western blot with 17650-1-AP (PAAF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).