

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 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 80227 | Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF/ICC 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: Q9BRP4 | |
| Isotype: IgG | Full Name: proteasomal ATPase-associated factor 1 | |
| Immunogen Catalog Number: AG11892 | Calculated MW: 375 aa, 40 kDa | |
| | Observed MW: 30 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: |
| Cited Applications: WB, IHC | WB: Jurkat cells, HEK-293 cells, human brain tissue, mouse brain tissue |
| Species Specificity: human, mouse | IHC: mouse kidney tissue, human brain tissue, human kidney tissue, human testis tissue, mouse brain tissue |
| Cited Species: human | IF/ICC: U2OS 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

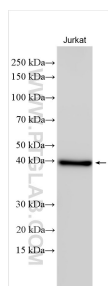
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

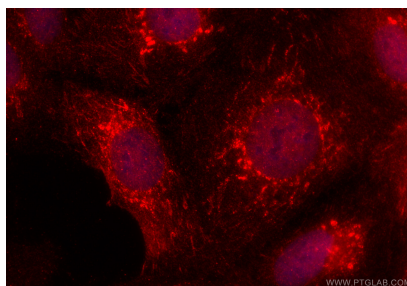
For technical support and original validation data for this product please contact:
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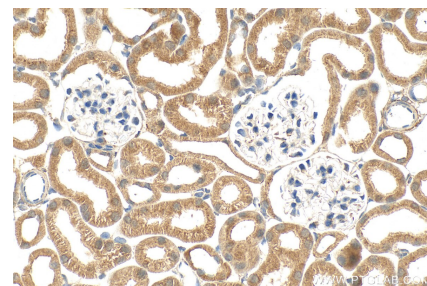
Selected Validation Data



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).