

PAAF1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5062a

Specification

PAAF1 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9BRP4
Other Accession	Q148I1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42190
Antigen Region	109-138

PAAF1 Antibody (N-term) - Additional Information

Gene ID 80227

Other Names

Proteasomal ATPase-associated factor 1, Protein G-16, WD repeat-containing protein 71, PAAF1, WDR71

Target/Specificity

This PAAF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the N-terminal region of human PAAF1.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PAAF1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PAAF1 Antibody (N-term) - Protein Information

Name PAAF1

Synonyms WDR71

Function Inhibits proteasome 26S assembly and proteolytic activity by impairing the association of the 19S regulatory complex with the 20S core. In case of HIV-1 infection, recruited by viral Tat to the HIV-1 promoter, where it promotes the recruitment of 19S regulatory complex through dissociation of the proteasome 26S. This presumably promotes provirus transcription efficiency. Protects SUPT6H from proteasomal degradation.

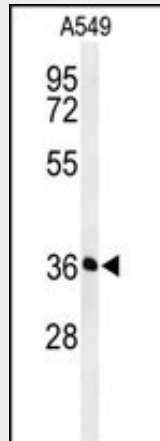
Tissue Location

Ubiquitously expressed, with highest levels in kidney, brain and testis.

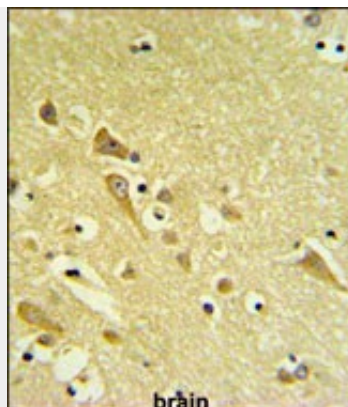
PAAF1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAAF1 Antibody (N-term) - Images

Western blot analysis of PAAF1 Antibody (N-term) (Cat. #AP5062a) in A549 cell line lysates (35ug/lane). PAAF1 (arrow) was detected using the purified Pab.



PAAF1 Antibody (N-term) (Cat. #AP5062a) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PAAF1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PAAF1 Antibody (N-term) - Background

PAAF1 inhibits proteasome 26S assembly and proteolytic activity by impairing the association of the 19S regulatory complex with the 20S core. In case of HIV-1 infection, recruited by viral Tat to the HIV-1 promoter, where it promotes the recruitment of 19S regulatory complex through dissociation of the proteasome 26S. This presumably promotes provirus transcription efficiency.

PAAF1 Antibody (N-term) - References

Lassot, I., et al. Mol. Cell 25(3):369-383(2007)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
Ponnappan, S., et al. Int. J. Biochem. Cell Biol. 39(4):799-809(2007)