

ARG44447
anti-PAAF1 antibodyPackage: 50 µg
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes PAAF1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PAAF1
Species	Human
Immunogen	Human PAAF1 recombinant protein
Conjugation	Un-conjugated
Alternate Names	PAAF1; Proteasomal ATPase Associated Factor 1; Rpn14; WDR71; Proteasomal ATPase-Associated Factor 1; WD Repeat-Containing Protein 71; WD Repeat Domain 71; FLJ11848; Protein G-16; PAAF

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

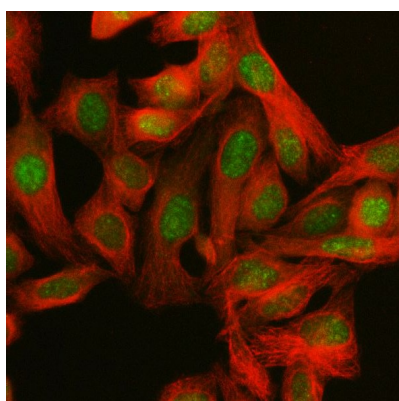
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

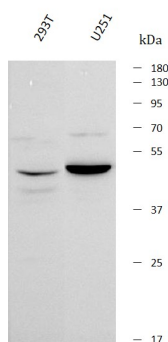
Gene Symbol	PAAF1
Gene Full Name	Proteasomal ATPase Associated Factor 1
Background	This gene encodes a WD repeat-containing protein involved in regulation of association of proteasome components. During HIV infection, the encoded protein is thought to promote provirus transcription through recruitment of the 19S regulatory complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
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.
Calculated Mw	42 kDa
PTM	Acetylation
Cellular Localization	Proteasome

Images



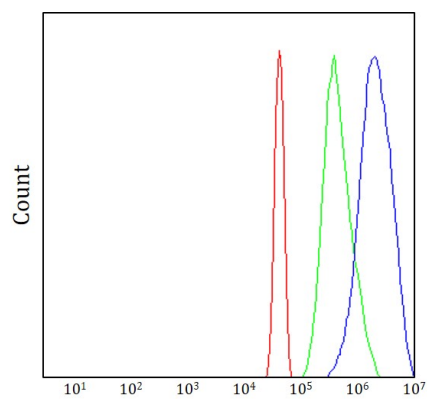
ARG44447 anti-PAAF1 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG44447 anti-PAAF1 antibody at 5 µg/mL dilution.



ARG44447 anti-PAAF1 antibody WB image

Western blot: 293T and U251 stained with ARG44447 anti-PAAF1 antibody at 0.5 µg/mL dilution.



ARG44447 anti-PAAF1 antibody FACS image

Flow Cytometry: JK stained with ARG44447 anti-PAAF1 antibody at 1 $\mu\text{g}/10^6$ cells dilution.