

# PPP1R13L Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21503a

## Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">Q8WUF5</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB53806
<b>Calculated MW</b>	89091

## Additional Information

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<b>Gene ID</b>	10848
<b>Other Names</b>	RelA-associated inhibitor, Inhibitor of ASPP protein, Protein iASPP, NFkB-interacting protein 1, PPP1R13B-like protein, PPP1R13L, IASPP, NKIP1, PPP1R13BL, RAI
<b>Target/Specificity</b>	This PPP1R13L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 134-166 amino acids from human PPP1R13L.
<b>Dilution</b>	WB~~1:2000 IF~~1:25 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	PPP1R13L Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PPP1R13L
<b>Synonyms</b>	IASPP, NKIP1, PPP1R13BL, RAI
<b>Function</b>	Regulator that plays a central role in regulation of apoptosis and transcription via its interaction with NF-kappa-B and p53/TP53 proteins.

Blocks transcription of HIV-1 virus by inhibiting the action of both NF-kappa-B and SP1. Also inhibits p53/TP53 function, possibly by preventing the association between p53/TP53 and ASPP1 or ASPP2, and therefore suppressing the subsequent activation of apoptosis (PubMed:[12524540](#)). Is involved in NF-kappa-B dependent negative regulation of inflammatory response (PubMed:[28069640](#)).

#### Cellular Location

Cytoplasm. Nucleus Note=Predominantly cytoplasmic but also nuclear

#### Tissue Location

Highly expressed in heart, placenta and prostate. Weakly expressed in brain, liver, skeletal muscle, testis and peripheral blood leukocyte.

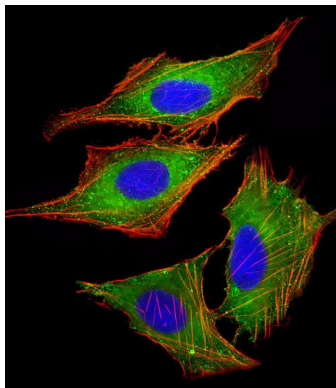
## Background

Regulator that plays a central role in regulation of apoptosis and transcription via its interaction with NF-kappa-B and p53/TP53 proteins. Blocks transcription of HIV-1 virus by inhibiting the action of both NF-kappa-B and SP1. Also inhibits p53/TP53 function, possibly by preventing the association between p53/TP53 and ASPP1 or ASPP2, and therefore suppressing the subsequent activation of apoptosis.

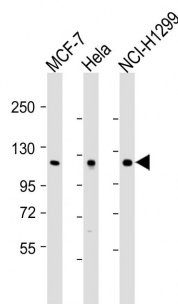
## References

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Herron B.J.,et al.Submitted (DEC-2004) to the EMBL/GenBank/DDBJ databases.  
Yang J.-P.,et al.J. Biol. Chem. 274:15662-15670(1999).  
Takada N.,et al.J. Virol. 76:8019-8030(2002).  
Bergamaschi D.,et al.Nat. Genet. 33:162-167(2003).

## Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human bone osteosarcoma cell line) cells labeling PPP1R13L with AP21503a at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-PPP1R13L Antibody (N-Term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysates Lane 2: HeLa whole cell lysates Lane 3: NCI-H1299 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 89 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.