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PPP1R13L Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5640

Specification

PPP1R13L Antibody (N-Term) - Product Information

Application	**IF, WB,E**
Primary Accession	Q8WUF5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=89;M=89 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

PPP1R13L Antibody (N-Term) - Additional Information

Gene ID 10848

Antigen Region
134-166

Other Names
RelA-associated inhibitor, Inhibitor of ASPP protein, Protein iASPP, NFkB-interacting protein 1, PPP1R13B-like protein, PPP1R13L, IASPP, NKIP1, PPP1R13BL, RAI

Dilution
IF~~1:25
WB~~1:2000

Target/Specificity
This PPP1R13L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 134-166 amino acids from human PPP1R13L.

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
PPP1R13L Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PPP1R13L Antibody (N-Term) - Protein Information

Name PPP1R13L

Synonyms IASPP, NKIP1, PPP1R13BL, RAI

Function
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.

PPP1R13L 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 Cytomety
- Cell Culture

PPP1R13L Antibody (N-Term) - Images

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized U-2 OS (human bone osteosarcoma cell line) cells labeling Pdx1 with AW5640 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).

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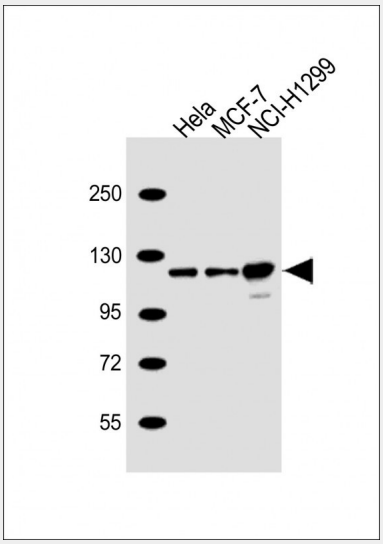
The nuclear counter stain is DAPI (blue).



All lanes : Anti-PPP1R13L Antibody (N-Term) at1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: NCI-H1299 whole cell lysate 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.

PPP1R13L Antibody (N-Term) - 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.

PPP1R13L Antibody (N-Term) - References

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