

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

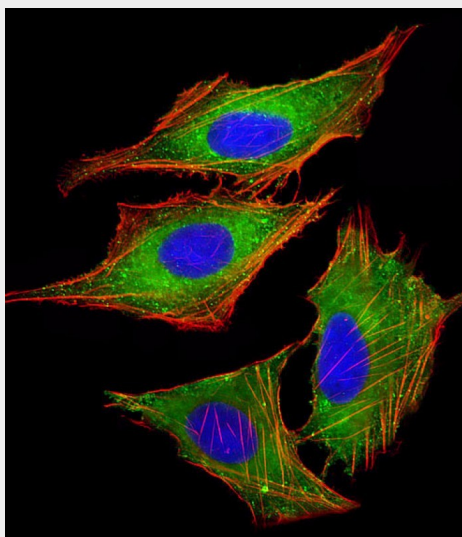
Tissue Location

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

PPP1R13L Antibody (N-Term) - Protocols

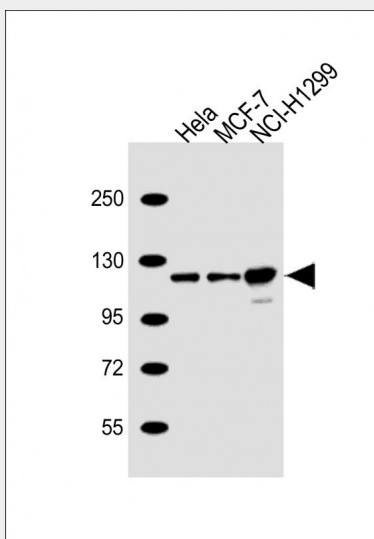
Provided below are standard protocols that you may find useful for product applications.

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

The nuclear counter stain is DAPI (blue).



All lanes : Anti-PPP1R13L Antibody (N-Term) at 1:2000 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

- Slee E.A., et al. Oncogene 23:9007-9016(2004).
- 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).