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PPP1R13L Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21505c

Product Information

Application	WB, E
Primary Accession	Q8WUF5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53804
Calculated MW	89091

Additional Information

Gene ID	10848
Other Names	RelA-associated inhibitor, Inhibitor of ASPP protein, Protein iASPP, NFkB-interacting protein 1, PPP1R13B-like protein, PPP1R13L, IASPP, NKIP1, PPP1R13BL, RAI
Target/Specificity	This PPP1R13L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 455-485 amino acids from the Central region of human PPP1R13L.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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	PPP1R13L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

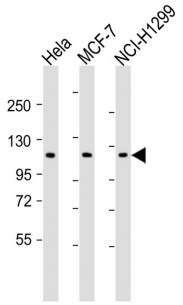
Background

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



All lanes : Anti-PPP1R13L Antibody (Center) at 1:2000 dilution Lane 1: Hela whole cell lysates Lane 2: MCF-7 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'.