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IASPP Rabbit pAb

Catalog # AP97175

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8WUF5
Other Accession	Q8WUF5
Reactivity	Rat, Human
Predicted	Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89091
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IASPP
Epitope Specificity	15-100/828
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ASPP family. Contains 2 ANK repeats. Contains 1 SH3 domain.
SUBUNIT	Interacts with RELA NF-kappa-B subunit and with SP1 via its C-terminus part. Interacts with p53/TP53, TP63 and TP73.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	iASPP(inhibitor of apoptosis stimulating protein of p53)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. Highly expressed in heart, placenta and prostate. Weakly expressed in brain, liver, skeletal muscle, testis and peripheral blood leukocyte. Belongs to the ASPP family.

Additional Information

Gene ID	10848
Other Names	ARCME; CMAEA; IASPP; NKIP1; RAI; RAI4; wa3; IASPP_HUMAN; PPP1R13L; Inhibitor of ASPP protein (Protein iASPP); NFkB-interacting protein 1; PPP1R13B-like protein; PPP1R13BL; Q3TCU2_MOUSE; IASPP_MOUSE; protein phosphatase 1 regulatory subunit 13 like; protein phosphatase 1, regulatory (inhibitor) subunit 13 like; protein phosphatase 1, regulatory subunit 13 like; RelA-associated Inhibitor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,Flow-Cyt=1 g/Test

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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