

Rabbit iASPP Polyclonal Antibody | anti-PPP1R13L antibody

iASPP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329016	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(83%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

iASPP; Polyclonal Antibody; iASPP Antibody; IASPP; inhibitor of apoptosis stimulating protein of p53; Inhibitor of ASPP protein; NFkB interacting protein 1; NKIP1; PPP1R13B-like protein; PPP1R13L; Protein iASPP; protein phosphatase 1 regulatory (inhibitor) subunit 13 like; RAI; RelA-associated inhibitor; anti-PPP1R13L antibody

PRODUCT SPECIFICATIONS

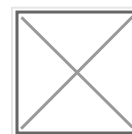
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(83%), Bovine(100%), Horse(100%), Sheep(100%), Dog(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	iASPP Antibody detects endogenous levels of total iASPP.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	828
Applicable Applications for anti-PPP1R13L antibody	ELISA
Immunogen	A synthesized peptide derived from human iASPP, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329016 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329016) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from MCF7, using iASPP Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R13L antibody	<p>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).</p> <p>Subcellular Location: Cytoplasm. Nucleus. Note: Predominantly cytoplasmic but also nuclear.</p> <p>Tissue Specificity: Highly expressed in heart, placenta and prostate. Weakly expressed in brain, liver, skeletal muscle, testis and peripheral blood leukocyte.</p> <p>Subunit Structure: Interacts with RELA NF-kappa-B subunit and with SP1 via its C-terminus part. Interacts (via SH3 domain and ANK repeats) with p53/TP53; the interaction inhibits pro-apoptotic activity of p53/TP53 (PubMed:12524540). Interacts with TP63 and TP73.</p> <p>Similarity: The N-terminal region is required for cytoplasmic localization.The ANK repeats and the SH3 domain are required for specific interactions with p53/TP53.Belongs to the iASPP family.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	92090607
NCBI GeneID	10848
UniProt Accession #	Q8WUF5
Molecular Weight	Observed Molecular Weight: (Observed)89kD. Predicted Molecular Weight: (Calculated)89kDa.
NCBI Official Full Name	RelA-associated inhibitor
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 13 like
NCBI Official Symbol	PPP1R13L
NCBI Official Synonym Symbols	RAI; RAI4; IASPP; NKIP1
NCBI Protein Information	relA-associated inhibitor
UniProt Protein Name	RelA-associated inhibitor
UniProt Gene Name	PPP1R13L
UniProt Synonym Gene Names	IASPP; NKIP1; PPP1R13BL; RAI; Protein iASPP
UniProt Entry Name	IASPP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.