

Rabbit p53DINP1 Polyclonal Antibody | anti-TP53INP1 antibody

p53DINP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39970	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

p53DINP1; Polyclonal Antibody; p53DINP1 Antibody; SIP; Teap; TP53DINP1; TP53INP1A; TP53INP1B; P53DINP1; Tumor protein p53-inducible nuclear protein 1; Stress-induced protein; tumor protein p53 inducible nuclear protein 1; anti-TP53INP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of p53DINP1 are known to exist; this antibody will detect both isoforms.
Purity/Purification	p53DINP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; p53DINP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	240
Applicable Applications for anti-TP53INP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	p53DINP1 antibody was raised with a synthetic peptide corresponding to 14 amino acids near the amino terminus of human p53DINP1. The immunogen is located within the first 50 amino acids of p53DINP1.
Positive Control	1) Human Lung Tissue Lysate
Preparation and Storage	p53DINP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of p53DINP1 in human liver tissue with p53DINP1 antibody at 5 μg/ml. Green: p53DINP1 antibody (3045) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemical staining of mouse liver using p53DINP1 antibody at 2 μg/mL.



WB (Western Blot)
p53DINP1 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TP53INP1 antibody	p53DINP1 Antibody: Apoptosis is related to many diseases and development. The p53 tumor-suppressor protein induces apoptosis through transcriptional activation of several genes. A novel p53 inducible gene was identified recently and designated p53DINP1 (for p53-dependent damage-inducible nuclear protein 1) and SIP (for stress induced protein) in human and mouse. A p53DINP1 antisense oligonucleotide inhibits and overexpression of p53DINP1 enhances Ser46 phosphorylation of p53, induction of p53AIP1, and cell death induced by DNA double-strand breaks. p53DINP1 may regulate p53-dependent apoptosis through phosphorylation at Ser46 and induction of p53AIP1. The p53DINP1/SIP gene encodes two proteins of 27 and 18 kDa in human and mouse termed p53DINP1-alpha and p53DINP1-beta or SIP27 and SIP18. p53DINP1/SIP is expressed in many tissues and induced by a variety of stress agents including UV stress, mutagenic stress, heat shock, and oxidative stress.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61216823
NCBI GeneID	94241
UniProt Accession #	Q96A56; Q969R9; B2RCE5
Molecular Weight	Predicted: 18, 27 kDa Observed: 30 kDa
NCBI Official Full Name	Tumor protein p53-inducible nuclear protein 1
NCBI Official Synonym Full Names	tumor protein p53 inducible nuclear protein 1
NCBI Official Symbol	TP53INP1
NCBI Official Synonym Symbols	SIP; Teap; p53DINP1; TP53DINP1; TP53INP1A; TP53INP1B
NCBI Protein Information	tumor protein p53-inducible nuclear protein 1; p53-inducible p53DINP1; stress-induced protein; p53-dependent damage-inducible nuclear protein 1
UniProt Protein Name	Tumor protein p53-inducible nuclear protein 1
UniProt Gene Name	TP53INP1
UniProt Synonym Gene Names	P53DINP1; SIP; p53DINP1
UniProt Entry Name	T53I1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p53dinp1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/39970>