

Product datasheet for **TA306110**

p53 DINP1 (TP53INP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	p53DINP1 antibody was raised with a synthetic peptide corresponding to 14 amino acids near the amino terminus of human p53DINP1.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor protein p53 inducible nuclear protein 1
Database Link:	NP_001129205 Entrez Gene 297822 Rat Entrez Gene 94241 Human Q96A56

Background: 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 (1,2).?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 (1). 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-a and p53DINP1-b or SIP27 and SIP18 (1,2). 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 (2).

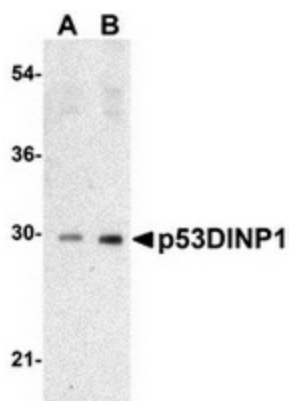


[View online »](#)

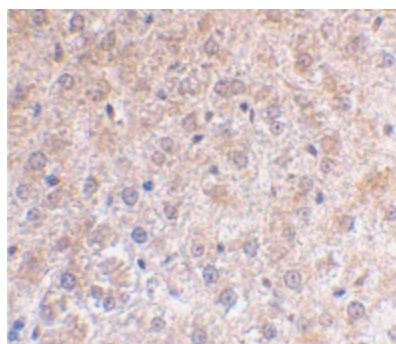
Synonyms: p53DINP1; SIP; Teap; TP53DINP1; TP53INP1A; TP53INP1B

Protein Families: Druggable Genome

Product images:



Western blot analysis of p53DINP1 expression in human lung tissue lysate with p53DINP1 antibody at (A) 0.5 and (B) 1 ug/ml.



Immunohistochemical staining of mouse liver using p53DINP1 antibody at 2 ug/ml.