

**Product Name: TP53INP1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab19142**



## Summary

<b>Production Name</b>	TP53INP1 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TP53INP1
<b>Alternative Names</b>	TP53INP1; P53DINP1; SIP; Tumor protein p53-inducible nuclear protein 1; Stress-induced protein; p53-dependent damage-inducible nuclear protein 1; p53DINP1
<b>Gene ID</b>	94241.0
<b>SwissProt ID</b>	Q96A56.The antiserum was produced against synthesized peptide derived from human TP53INP1. AA range:171-220

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:40000..
<b>Molecular Weight</b>	27kD

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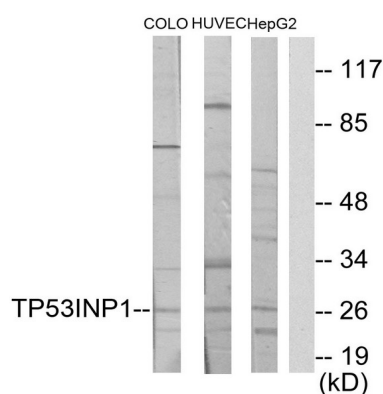


## Background

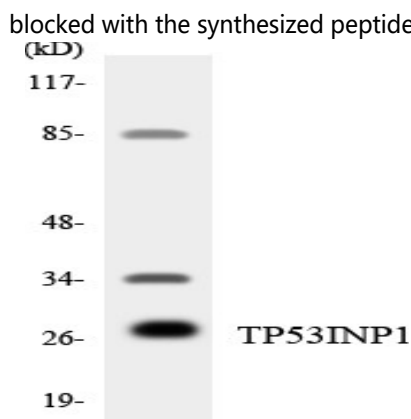
function: In response to double-strand DNA breaks, promotes p53/TP53 phosphorylation on 'Ser-46' and subsequent apoptosis., induction: By adriamycin, gamma irradiation and H<sub>2</sub>O<sub>2</sub>, in a p53-dependent way. At lower levels by ultraviolet irradiation., subcellular location: Concentrated in PML/POD/ND10 nuclear bodies., subunit: Interacts with TP53 and HIPK2., tissue specificity: Ubiquitously expressed., function: In response to double-strand DNA breaks, promotes p53/TP53 phosphorylation on 'Ser-46' and subsequent apoptosis., induction: By adriamycin, gamma irradiation and H<sub>2</sub>O<sub>2</sub>, in a p53-dependent way. At lower levels by ultraviolet irradiation., subcellular location: Concentrated in PML/POD/ND10 nuclear bodies., subunit: Interacts with TP53 and HIPK2., tissue specificity: Ubiquitously expressed.,

## Research Area

## Image Data

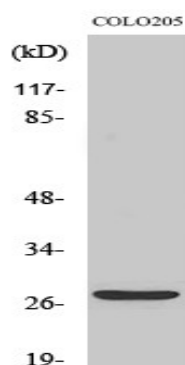


Western blot analysis of lysates from COLO205, HUVEC, and HepG2 cells, using TP53INP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using TP53INP1 antibody.

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Western Blot analysis of various cells using TP53INP1 Polyclonal Antibody diluted at 1: 1000. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

### **Note**

For research use only.