

Datasheet for ABIN6990408
anti-TP53INP1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TP53INP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53INP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

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.
Isotype:	IgG
Specificity:	At least two isoforms of p53DINP1 are known to exist, this antibody will detect both isoforms.
Purification:	p53DINP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TP53INP1
Alternative Name:	p53DINP1 (TP53INP1 Products)

Target Details

Background: 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.

Molecular Weight: Predicted: 18, 27 kDa

Observed: 30 kDa

Gene ID: 94241

UniProt: [Q96A56](#)

Application Details

Application Notes: p53DINP1 antibody can be used for detection of p53DINP1 by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: p53DINP1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: p53DINP1 antibody can be stored at 4°C for three months and -20°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.