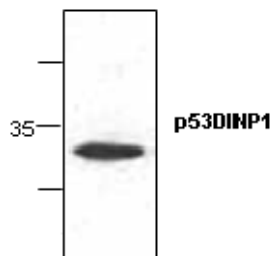


Anti-p53DINP1 Purified

Catalog Number: 14-6049

Also known as: TP53INP1

RUO: For Research Use Only. Not for use in diagnostic procedures.



Immunoblotting of reduced human lung lysates at 4 ug/mL visualized with Anti-Rabbit HRP.

Product Information



Contents: Anti-p53DINP1 Purified

Catalog Number: 14-6049

Clone: polyclonal

Concentration: 0.5 mg/mL

Host/Isotype: Rabbit IgG



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

Description

The polyclonal antibody recognizes human, mouse and rat p53DINP1 (p53-dependent damage-inducible nuclear protein 1) also known as TP53INP1 (tumor protein p53 inducible nuclear protein 1). This protein exists as two alternatively spliced isoforms, TP53INP1alpha and TP53INP1beta, found in the nucleus regulating p53 transcriptional activity. Overexpression leads to apoptosis and cell cycle arrest in G1 while downregulation has been observed in the early stages pancreatic ductal carcinoma. Decreased p53DINP1 expression results in increased cell migration and hence metastasis, thereby indicating a role for p53DINP1 in apoptosis and tumor suppression.

This antibody was generated using a peptide at the amino terminus of human p53DINP1 and can recognize the alpha isoform at about 27 kDa and in some lysates also the beta form at about 18 kDa.

Applications Reported

This polyclonal antibody has been reported for use in western blotting.

Applications Tested

This polyclonal antibody has been tested immunoblotting of human lung lysates. This can be used at 0.5-4 ug/mL in immunoblots. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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Tomasini R, Samir AA, Pebusque MJ, Calvo EL, Totaro S, Dagorn JC, Dusetti NJ, Iovanna JL. P53-dependent expression of the stress-induced protein (SIP). *Eur J Cell Biol.* 2002 May;81(5):294-301.

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Related Products

14-6041 Anti-Human/Mouse PUMA Purified (Polyclonal)

14-6046 Anti-Noxa Purified Purified

14-6786 Anti-Human p53 Purified (DO-1)

18-8816 Rabbit TrueBlot®: Anti-Rabbit IgG HRP

85-86122 phospho-p53 (Ser15) InstantOne™ ELISA

88-8005 Annexin V Apoptosis Detection Kit FITC

BMS256* Human p53 Platinum ELISA