



TP53INP1 rabbit pAb

Cat No.:ES3629

For research use only

Overview

Product Name	TP53INP1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TP53INP1. AA range:171-220
Specificity	TP53INP1 Polyclonal Antibody detects endogenous levels of TP53INP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor protein p53-inducible nuclear protein 1
Gene Name	TP53INP1
Cellular localization	Cytoplasm, cytosol. Nucleus. Nucleus, PML body. Cytoplasmic vesicle, autophagosome. Shuttles between the nucleus and the cytoplasm, depending on cellular stress conditions, and re-localizes to autophagosomes on autophagy activation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	27kD
Human Gene ID	94241
Human Swiss-Prot Number	Q96A56
Alternative Names	TP53INP1; P53DINP1; SIP; Tumor protein p53-inducible nuclear protein 1; Stress-induced protein; p53-dependent damage-inducible nuclear





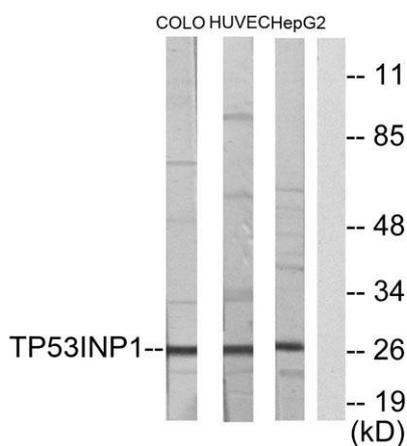
Background

protein 1; p53DINP1

function: In response to double-strand DNA breaks, promotes p53/TP53 phosphorylation on 'Ser-46' and subsequent apoptosis., induction: By adriamycin, gamma irradiation and H₂O₂, 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.,



Western Blot analysis of various cells using TP53INP1 Polyclonal Antibody diluted at 1:1000. Secondary antibody (catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN)

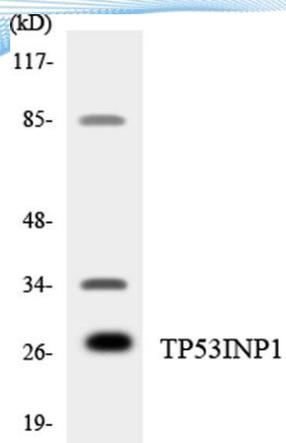


Western blot analysis of lysates from COLO205, HUVEC, and HepG2 cells, using TP53INP1 Antibody. The lane on the right is blocked with the synthesized peptide.

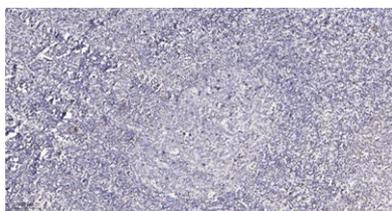




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Western blot analysis of the lysates from HT-29 cells using TP53INP1 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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