

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P53



Numéro de catalogue: 10442-1-AP

Phare

797 Publications

Informations de base

Numéro de catalogue:

10442-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0698

Numéro d'acquisition GenBank:

BC003596

Identification du gène (NCBI):

7157

Nom complet:

tumor protein p53

MW calculé

44 kDa

MW observés:

53 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IF 1:50-1:500

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Chèvre, Humain, poisson-zèbre, porc, poulet, rat

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules HepG2, cellules HT-29, cellules MCF-7, cellules SMMC-7721, tissu de côlon de rat, tissu de côlon de souris, tissu splénique de souris

IP : cellules A431,

IF : cellules HepG2, cellules A431

Informations générales

TP53, also known as P53 and NY-CO-13, belongs to the p53 family and has 9 isoforms. In SDS-Page, the observed molecular weight is about 53 kDa. TP53 acts as a tumor suppressor in many tumor types, including growth arrest or apoptosis depending on the physiological circumstances and cell types. It is involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. TP53 Localizes in the nucleus in most cells but found in the cytoplasm in some cells. (PMID: 26166714; PMID: 25225161)

Publications notables

Autrice	Pubmed ID	Journal	Application
Sushan Yang	36180831	Cell Mol Biol Lett	WB
Xiaoyan Liu	31574948	Int J Mol Sci	WB
Shanshan Hu	33134183	Front Oncol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

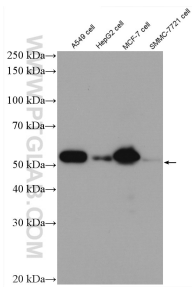
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

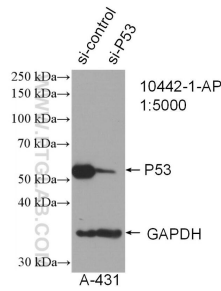
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

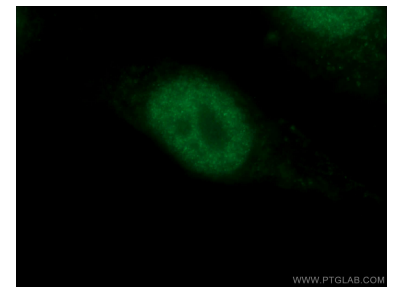
Données de validation sélectionnées



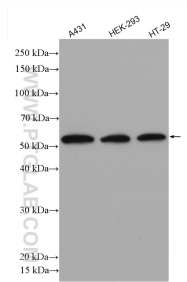
Various lysates were subjected to SDS PAGE followed by western blot with 10442-1-AP (P53 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



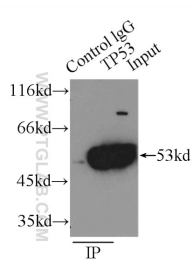
WB result of P53 antibody (10442-1-AP; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-P53 transfected A431 cells.



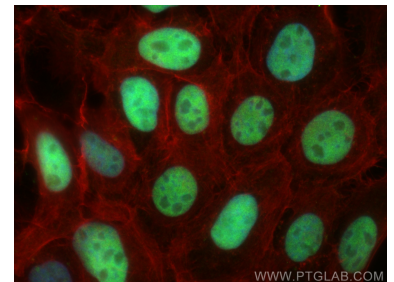
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10442-1-AP (P53 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 10442-1-AP (P53 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP Result of anti-P53 (IP:10442-1-AP, 4ug; Detection:10442-1-AP 1:1000) with A431 cells lysate 3000ug.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using P53 antibody (10442-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).