

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-P53 (Ser15)



Numéro de catalogue: 28961-1-AP

15 Publications

## Informations de base

Numéro de catalogue:

28961-1-AP

Taille:

100ul, Concentration: 200 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

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 1:1000-1:4000

IF 1:50-1:500

## Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HT-29 traitées à l'étoposide,

IF : cellules HT-29, cellules HT-29 traitées à l'étoposide

## Informations générales

The p53 tumor suppressor protein plays a major role in cellular response to DNA damage and other genomic aberrations. Activation of p53 can lead to either cell cycle arrest and DNA repair or apoptosis. DNA damage induces phosphorylation of p53 at Ser15 and Ser20 and leads to a reduced interaction between p53 and its negative regulator, the oncoprotein MDM2. p53 can be phosphorylated by ATM, ATR, and DNA-PK at Ser15 and Ser37. Phosphorylation impairs the ability of MDM2 to bind p53, promoting both the accumulation and activation of p53 in response to DNA damage.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tina Aumer	36089606	Clin Epigenetics	WB
Chieh-Hsin Chen	34708319	Apoptosis	WB
Mengqi Cui	34602553	Biol Pharm Bull	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.

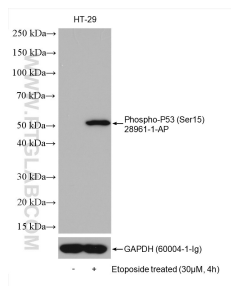
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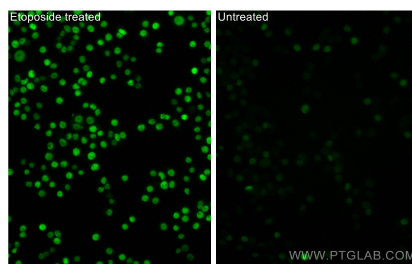
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## Données de validation sélectionnées



Non-treated HT-29 and etoposide treated HT-29 cells were subjected to SDS PAGE followed by western blot with 28961-1-AP (Phospho-P53(Ser15) antibody) at dilution of 1:2000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.



Immunofluorescent analysis of (4% PFA) fixed non-treated HT-29 and etoposide treated HT-29 cells using Phospho-P53 (Ser15) antibody (28961-1-AP) at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).