

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-P53 (Ser392)



Numéro de catalogue: 28963-1-AP

1 Publications

## Informations de base

Numéro de catalogue:

28963-1-AP

Taille:

100ul , Concentration: 260 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 1:5000-1:50000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : λ phosphatase treated HEK-293 cells,

## Informations générales

P53 is a 53 kDa protein that is activated in response to alteration of normal cell homeostasis, including DNA damage, nutrient starvation, heat shock, virus infection, pH change, hypoxia, and oncogene activation. P53 maintains genetic stability by regulating different processes, such as cell-cycle arrest, DNA synthesis and repair, programmed cell death, and energy metabolism. In non-stressed conditions these proteins bind p53, ubiquitylate it and target it for degradation by the proteasome. In stressed conditions the function of the Mdm2-Mdm4 complex is blocked by phosphorylation, protein-binding events and/or enhanced degradation. Phosphorylated at Ser-315 and Ser-392 by CDK2 in response to DNA-damage. (PMID: 19935675, PMID: 24379683)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jingwen Tan	36208777	Chem Biol Interact	WB

## Stockage

Stockage:

Stocker à -20 °C.

Tampon de stockage:

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

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

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

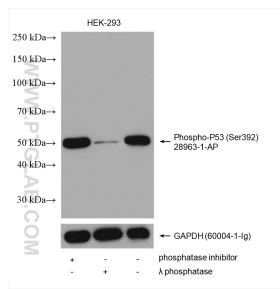
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## Données de validation sélectionnées



Non-treated HEK-293, phosphatase inhibitor treated and  $\lambda$  phosphatase treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 28963-1-AP (Phospho-P53 (Ser392) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.