

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-CHEK2 (Thr68)



Numéro de catalogue: 29012-1-AP

4 Publications

## Informations de base

Numéro de catalogue:

29012-1-AP

Taille:

100ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC004207

Identification du gène (NCBI):

11200

Nom complet:

CHK2 checkpoint homolog (S. pombe)

MW calculé

61 kDa

MW observés:

65 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules PC-3 traitées au MMS,

## Informations générales

Serine/threonine-protein kinase Chk2 (CHEK2) is a serine/threonine kinase which is activated upon DNA damage and is implicated in pathways that govern DNA repair, cell cycle arrest or apoptosis in response to the initial damage. ATM phosphorylates CHEK2 on T68. Phosphorylation on T68 and subsequent full activation of CHEK2 was shown to require priming phosphorylation on adjacent residues by Polo-like kinase 3 (PLK3) and the dual specificity tyrosine and serine/threonine kinase TTK/hMPS1. Additionally TTK appears to phosphorylate T68. Phosphorylation of T68 promotes the binding of the N-terminal SQ/TQ-rich cluster of one CHEK2 molecule with the FHA domain of another CHEK2 molecule. (PMID: 28553140, PMID: 18004398, PMID: 33322746)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xin Wen	36249018	Front Oncol	WB
Zhili Xia	36185307	Front Oncol	WB
Chao Mei	35187743	Cell Prolif	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'aliquotage n'est pas nécessaire pour le stockage à -20C

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

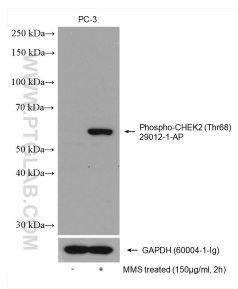
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## Données de validation sélectionnées



Non-treated PC-3 and MMS treated PC-3 cells were subjected to SDS PAGE followed by western blot with 29012-1-AP (Phospho-CHEK2 (Thr68) antibody) at dilution of 1:1000 incubated at room temperature for 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.