

À des fins de recherche uniquement

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



Numéro de catalogue: 81740-1-RR

## Informations de base

Numéro de catalogue: 81740-1-RR	Numéro d'acquisition GenBank: BC004207	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 11200	CloneNo.: 1L2
Hôte: Lapin	Nom complet: CHK2 checkpoint homolog (S. pombe)	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG	MW calculé: 61 kDa	
	MW observés: 65 kDa	

## Applications

Applications testées:  
WB, ELISA  
Spécificité de l'espèce:  
Humain

### Contrôles positifs:

WB : cellules PC-3 traitées au MMS, UV treated HeLa cells

## 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 dualspecificity tyrosine and serine/threoninekinase 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)

## 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.

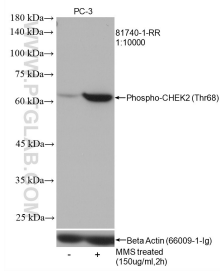
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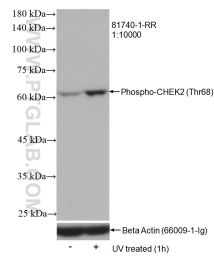
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## Données de validation sélectionnées



Non-treated PC-3 and MMS treated PC-3 cells were subjected to SDS PAGE followed by western blot with 81740-1-RR (Phospho-CHEK2 (Thr68) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin antibody as loading control.



Non-treated HeLa and UV treated HeLa cells were subjected to SDS PAGE followed by western blot with 81740-1-RR (Phospho-CHEK2 (Thr68) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin antibody as loading control.