

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-Chk1 (Ser317)



Numéro de catalogue: 28807-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 28807-1-AP	<b>Numéro d'acquisition GenBank:</b> BC004202	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 450 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 1111	<b>Dilutions recommandées:</b> WB 1:500-1:1000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> CHK1 checkpoint homolog (S. pombe)	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 54 kDa	
	<b>MW observés:</b> 55 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HEK-293T traitées au UV,
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

The checkpoint kinase 1 (Chk1) is a conserved kinase that imposes cell cycle delays in response to impediments to DNA replication. Chk1 kinase is downstream of the ATR kinase. ATR phosphorylates Chk1 kinase and other proteins to ensure replication is being blocked as to avoid replication fork collapse and DNA damage. Activation of Chk1 involves phosphorylation at Ser317 and Ser345 by ATM/ATR, followed by autophosphorylation of Ser296. In vitro Chk1 binds to and phosphorylate the dual-specificity protein phosphatases Cdc25A, Cdc25B, and Cdc25C, which control cell cycle transitions by dephosphorylating cyclin-dependent kinases. (PMID:22941630, PMID: 32571801, PMID:19276361)

## Stockage

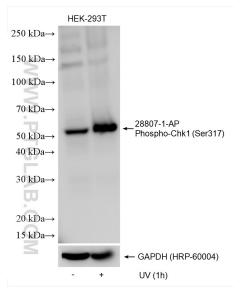
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Non-treated HEK-293T and UV treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 28807-1-AP (Phospho-Chk1 (Ser317) antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.