

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-eEF2K (Ser366)



Numéro de catalogue: 29032-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 29032-1-AP	<b>Numéro d'acquisition GenBank:</b> BC032665	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 300 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 29904	<b>Dilutions recommandées:</b> WB 1:1000-1:4000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> eukaryotic elongation factor-2 kinase	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 725 aa, 100 kDa	
	<b>MW observés:</b> 100 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules Jurkat, cellules Jurkat traitées à la λ phosphatase
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

Eukaryotic Elongation Factor-2 Kinase (eEF2K) acts as a negative regulator of protein synthesis, translation, and cell growth. As a structurally unique member of the alpha-kinase family, eEF2K is essential to cell survival under stressful conditions, as it contributes to both cell viability and proliferation. eEF2K is regulated by various mechanisms, including phosphorylation through residues and autophosphorylation. eEF2K is regulated by various mechanisms, including phosphorylation through residues and autophosphorylation. eEF2K is downregulated through the phosphorylation of multiple sites via mTOR signaling and upregulated via the AMPK pathway. In the S6K-mediated pathway, RPS6KB1 or p70S6K, can phosphorylate eEF2K on Ser-366, rendering it inactive (PMID: 11500364, PMID: 34532346). The calculated molecular weight of eEF2K is 82kDa, and probably due to phosphorylation modification, resulting in a larger molecular weight, around 100kDa.

## 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.

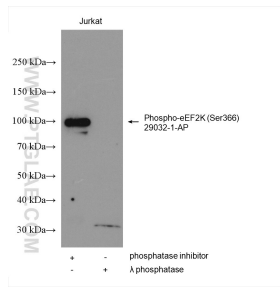
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## Données de validation sélectionnées



Non-treated and  $\lambda$  phosphatase treated Jurkat cells were subjected to SDS PAGE followed by western blot with 29032-1-AP (Phospho-eEF2K (Ser366) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.