

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-Phospho-EIF4B (Ser422)



Numéro de catalogue:82550-1-RR

## Informations de base

<b>Numéro de catalogue:</b> 82550-1-RR	<b>Numéro d'acquisition GenBank:</b> BC073154	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 1975	<b>CloneNo.:</b> 1K3
<b>Hôte:</b> Lapin	<b>Nom complet:</b> eukaryotic translation initiation factor 4B	<b>Dilutions recommandées:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>MW calculé:</b> 611 aa, 69 kDa	
	<b>MW observés:</b> 70-80 kDa	

## Applications

**Applications testées:**  
WB, ELISA

**Spécificité de l'espèce:**  
Humain

**Contrôles positifs:**

WB : cellules HeLa traitées à la calyculine A, cellules HeLa

## Informations générales

EIF4B is one of the mammalian eukaryotic initiation factors (eIF) that are required for the ATP-dependent binding of mRNA to the 40 S ribosomal subunit, and the other eIF proteins are EIF4A, EIF4F. EIF4B is involved in translation of numerous proliferative or anti-apoptotic mRNAs with highly structured 5'UTR and subsequently affect cell growth and survival. It was reported that false expression and phosphorylation levels of EIF4B are involved in several tumors including breast cancer, cell lymphoblastic leukemia and diffuse large B-cell lymphoma (PMID: 26848623). Ser422 is regarded as the major modification site of EIF4B that is phosphorylated in response to amino-acid refeeding (PMID: 22750809).

## 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.**

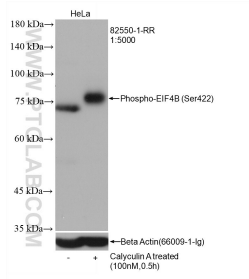
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## Données de validation sélectionnées



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 82550-1-RR (Phospho-EIF4B (Ser422) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin antibody as loading control.