

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-EIF4B (Ser422)



Numéro de catalogue: 28781-1-AP

Informations de base

Numéro de catalogue:

28781-1-AP

Taille:

100ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC073154

Identification du gène (NCBI):

1975

Nom complet:

eukaryotic translation initiation factor 4B

MW calculé

611 aa, 69 kDa

MW observés:

70-80 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : cellules HeLa traitées à la calyculine A,

Informations générales

EIF4B is one of the mammalian eukaryotic initiation factors (eIF) that are required for the ATP-dependent binding of mRNA to the 40S 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.**

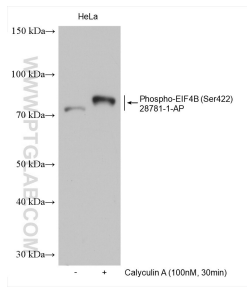
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Données de validation sélectionnées



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 28781-1-AP (Phospho-EIF4B (Ser422) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.