

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-EIF4B (Ser406)



Numéro de catalogue: 28779-1-AP

Informations de base

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28779-1-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 1:20000-1:100000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : cellules PC-3 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 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). EIF4B Ser406 was identified as a novel phosphorylation site regulated by mitogens, and the phosphorylation of this site is dependent on MEK and mTOR activity. This phosphorylation is shown to be essential for the translational activity of eIF4B.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

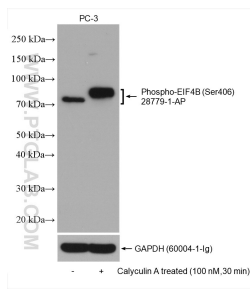
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Données de validation sélectionnées



Non-treated PC-3 and Calyculin A treated PC-3 cells were subjected to SDS PAGE followed by western blot with 28779-1-AP (Phospho-EIF4B (Ser406) antibody) at dilution of 1:60000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.