

Nur für Forschungszwecke

Phospho-EIF4B (Ser406) Polyklonaler Antikörper



Katalog-Nr.: 28779-1-AP

Allgemeine Informationen

Katalog-Nr.: 28779-1-AP	GenBank-Zugangsnummer: BC073154	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 300 µg/ml von Nanodrop;	GeneID (NCBI): 1975	Empfohlene Verdünnungen: WB 1:20000-1:100000
Wirt: Kaninchen	Vollständiger Name: eukaryotic translation initiation factor 4B	
Isotyp: IgG	Berechnete Masse: 611 aa, 69 kDa	
	Beobachtete Masse: 70-80 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Mit Calyculin A behandelte PC-3-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

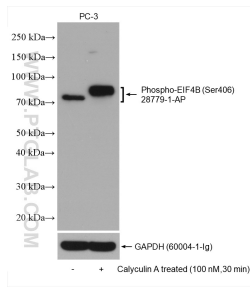
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Ausgewählte Validierungsdaten



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.