

For Research Use Only

Phospho-EIF4B (Ser406) Recombinant antibody



Catalog Number:80059-1-RR

Basic Information

Catalog Number: 80059-1-RR	GenBank Accession Number: BC073154	Purification Method: Protein A purification
Size: 100ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 1975	CloneNo.: 5G14
Source: Rabbit	Full Name: eukaryotic translation initiation factor 4B	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Calculated MW: 611 aa, 69 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HEK-293T cells, Calyculin A treated HEK-293T cells, PC-3 cells, Calyculin A treated PC-3 cells, Hela cells, Calyculin A treated Hela cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

Background Information

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).

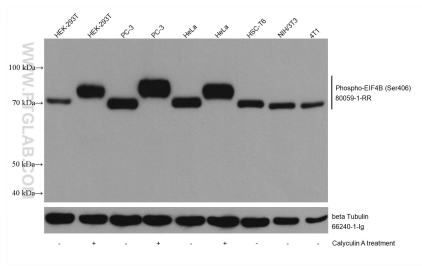
Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Non-treated and Calyculin A treated cells were subjected to SDS PAGE followed by western blot with 80059-1-RR (Phospho-EIF4B (Ser406) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.