

## EIF4B polyclonal antibody

Catalog: BS7572

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Eukaryotic initiation factor 4B (eIF4B) is thought to assist the eIF4F complex in translation initiation. In plants, eIF4B is known to interact with the poly-(A) binding protein, increasing its poly-(A) binding activity. Heat shock and serum starvation cause dephosphorylation of eIF4B at multiple sites with kinetics similar to those of the corresponding inhibition of translation, while phosphorylation of eIF4B following insulin treatment correlates well with an observed increase in translation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 80 kDa

### Swiss-Prot:

P23588

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

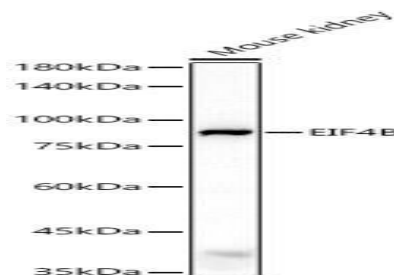
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

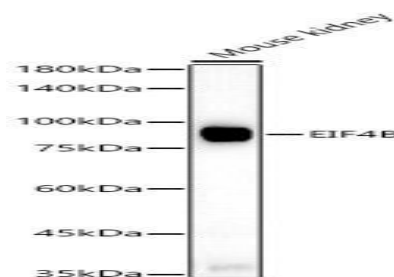
### Specificity:

EIF4B polyclonal antibody detects endogenous levels of EIF4B protein.

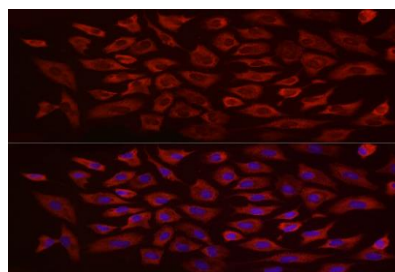
### DATA:



Western blot analysis of lysates from Rat skeletal muscle, using EIF4B pAb at 1:400 dilution.



Western blot analysis of lysates from Mouse kidney, using EIF4B pAb at 1:400 dilution.



Immunofluorescence analysis of A-549 cells using EIF4B pAb at dilution of 1:20 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

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