

EIF4B polyclonal antibody

Catalog: BS75286

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF4-F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

Product:

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

Molecular Weight:

80KDa

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 - 1:2000 | IF/ICC, 1:50 - 1:200

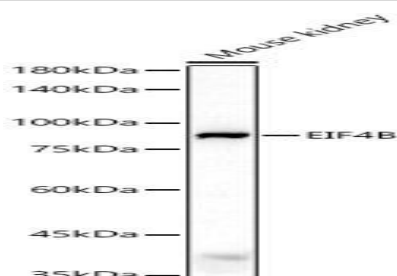
Storage&Stability:

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

Modification:

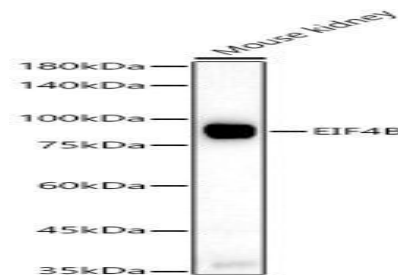
Unmodification

DATA:

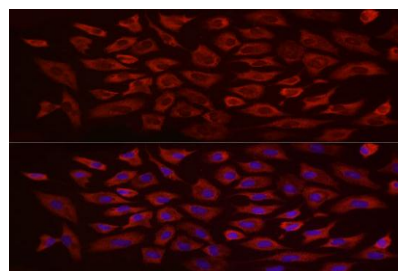


Western blot analysis of extracts of Rat skeletal muscle, using EIF4B antibody at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.

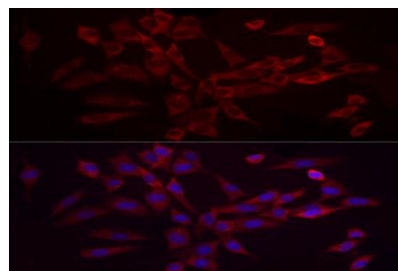
ti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



Western blot analysis of extracts of Mouse kidney, using EIF4B antibody at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of A-549 using EIF4B antibody at dilution of 1:25. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 using EIF4B antibody at dilution of 1:25. Blue: DAPI for nuclear staining.

Note:

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

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