

**EIF3D polyclonal antibody**

Catalog: BS78711

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

Eukaryotic translation initiation factor-3 (eIF3), the largest of the eIFs, is a multiprotein complex composed of at least ten nonidentical subunits. The complex binds to the 40S ribosome and helps maintain the 40S and 60S ribosomal subunits in a dissociated state. It is also thought to play a role in the formation of the 40S initiation complex by interacting with the ternary complex of eIF2/GTP/methionyl-tRNA, and by promoting mRNA binding. The protein encoded by this gene is the major RNA binding subunit of the eIF3 complex.

**Product:**

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

**Molecular Weight:**

64kDa

**Swiss-Prot:**

O15371

**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:**

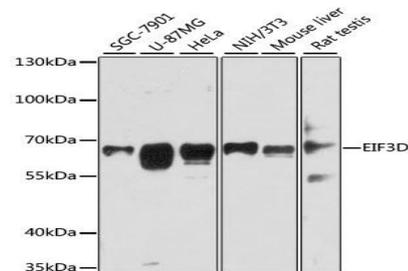
WB, 1:200 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200

**Storage&Stability:**

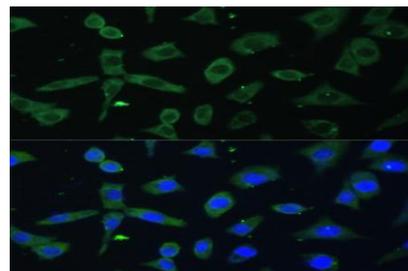
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Modification:**

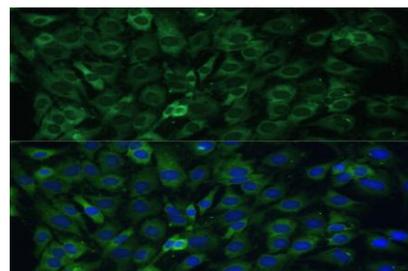
Unmodification

**DATA:**

Western blot analysis of extracts of various cell lines, using EIF3D antibody at 1:3000 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: 30s.



Immunofluorescence analysis of L-929 cells using EIF3D antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using EIF3D antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**Bioworld Technology, Inc.**

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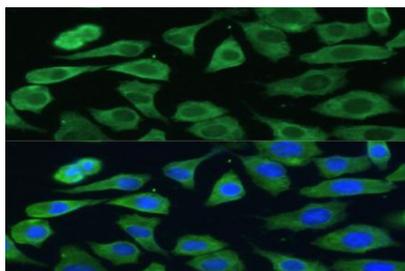
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Immunofluorescence analysis of L-929 cells using EIF3D antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**Note:**

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

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