

Datasheet for ABIN2855038

**anti-EIF3D antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	EIF3D
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3D antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human EIF3D. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to EIF3D (eukaryotic translation initiation factor 3, subunit D) EIF3D antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	EIF3D
Alternative Name:	eukaryotic translation initiation factor 3 subunit D ( <a href="#">EIF3D Products</a> )

## Target Details

**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.

Cellular Localization: Cytoplasm

**Molecular Weight:** 64 kDa

**Gene ID:** 8664

**UniProt:** [O15371](#)

**Pathways:** [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

**Application Notes:** WB: 1:1000-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: HeLaS3 , mouse liver , PC-12 , Rat2

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.63 mg/mL

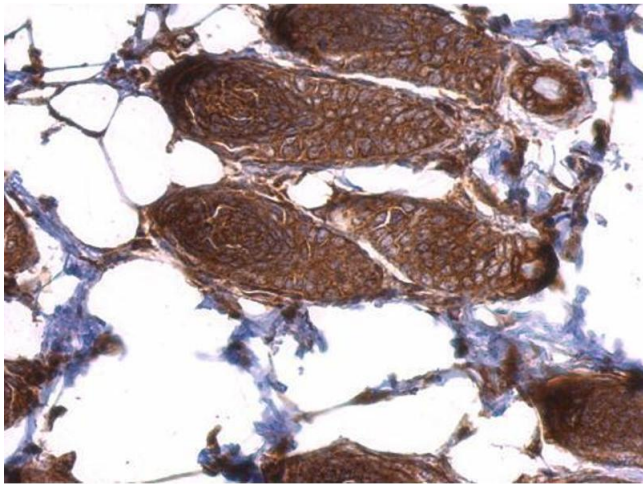
**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

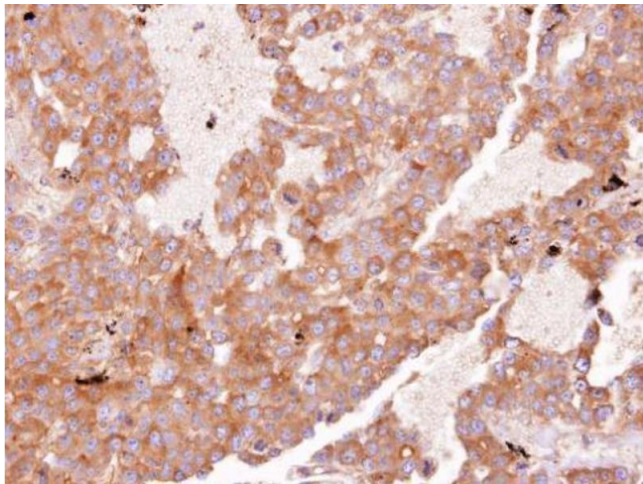
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



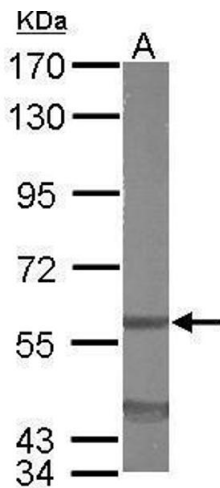
**Immunohistochemistry**

**Image 1.** IHC-P Image EIF3D antibody detects EIF3D protein at cytosol on mouse skin by immunohistochemical analysis. Sample: Paraffin-embedded mouse skin. EIF3D antibody , dilution: 1:500.



**Immunohistochemistry**

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded HUH7 xenograft, using EIF3 zeta, antibody at 1:100 dilution.



**Western Blotting**

**Image 3.** WB Image Sample (50 ug of whole cell lysate) A: mouse liver 7.5% SDS PAGE antibody diluted at 1:5000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855038.