

Datasheet for ABIN7011518

**anti-EIF3H antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	60 µL
Target:	EIF3H
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human EIF3H (NP_003747.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	EIF3H
Alternative Name:	EIF3H ( <a href="#">EIF3H Products</a> )
Background:	Eukaryotic translation initiation factor 3 subunit His a protein that in humans is encoded by the EIF3H gene. Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:

## Target Details

methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation.

Molecular Weight: Observed\_MW: 40 kDa  
Calculated\_MW: 39 kDa

Gene ID: 8667

UniProt: [O15372](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

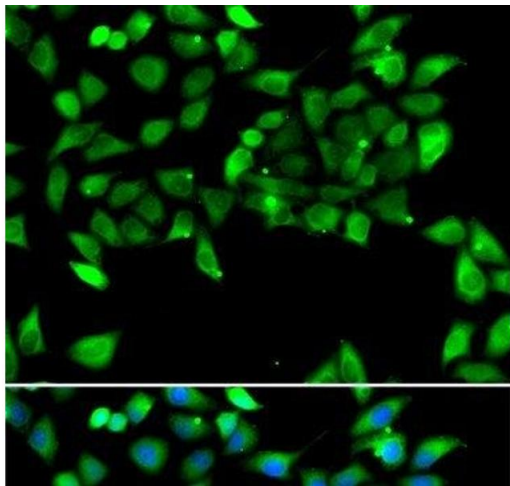
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

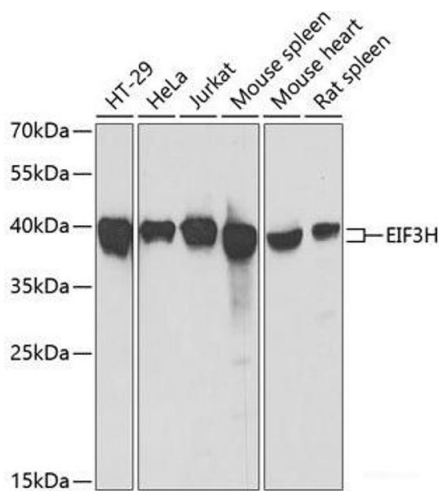
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using EIF3H Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using EIF3H Polyclonal Antibody at dilution of 1:1000.