

Datasheet for ABIN7152172

anti-Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) (AA 2-374) antibody[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Binding Specificity:	AA 2-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit M protein (2-374AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Alternative Name:	EIF3M (EIF3M Products)
Target Type:	Viral Protein
Background:	Background: Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which

Target Details

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: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. May favor virus entry in case of infection with herpes simplex virus 1 (HSV1) or herpes simplex virus 2 (HSV2).

Aliases: B5 antibody, B5 receptor antibody, Dendritic cell protein antibody, eIF3m antibody, EIF3M_HUMAN antibody, Eukaryotic translation initiation factor 3 subunit M antibody, Fetal lung protein B5 antibody, FLJ29030 antibody, GA17 antibody, hfl B5 antibody, hFL-B5 antibody, PCI domain containing 1 (herpesvirus entry mediator) antibody, PCI domain-containing protein 1 antibody, PCID1 antibody, TANGO7 antibody

UniProt: [Q7L2H7](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

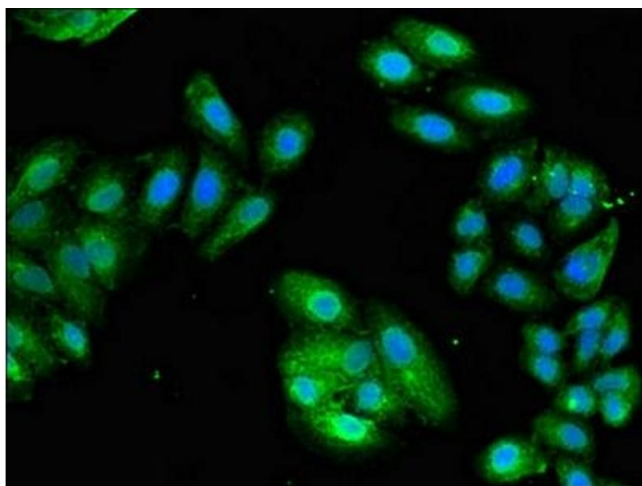
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

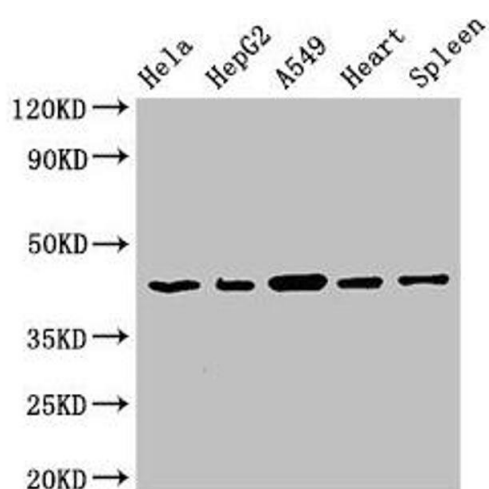
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



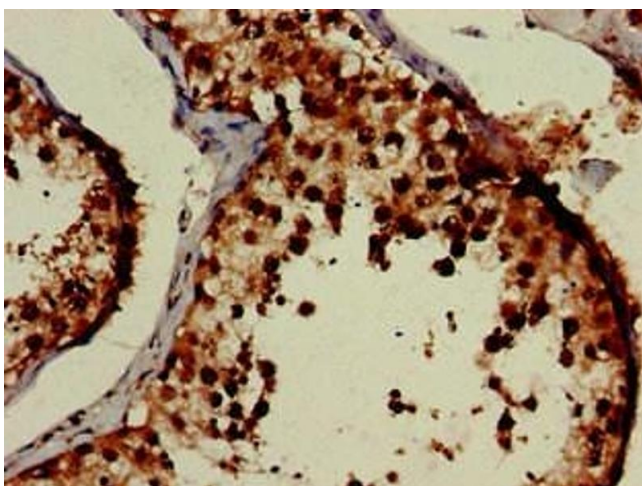
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7152172 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate, Rat heart tissue, Rat spleen tissue All lanes: EIF3M antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43, 28 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7152172 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7152172.