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## anti-Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) (AA 1-374) antibody



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### 4 Images

Overview	
Quantity:	100 μL
Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Binding Specificity:	AA 1-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)
Product Details	
Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit M protein (1-374AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity 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

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, elF3m antibody, ElF3M\_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

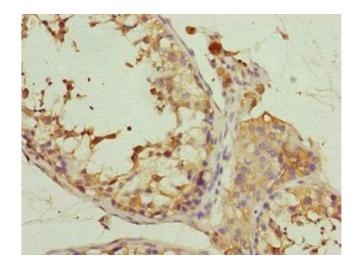
#### **Application Details**

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

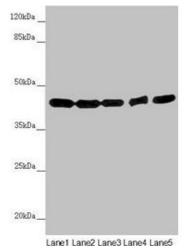
#### Handling

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



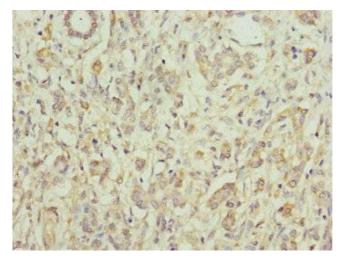
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7152171 at dilution of 1:100



#### **Western Blotting**

Image 2. Western blot All lanes: EIF3M antibody at  $2.02~\mu$  g/mL Lane 1: Hela whole cell lysate Lane 2: A549 whole cell lysate Lane 3: Mouse gonadal tissue Lane 4: Human placenta tissue Lane 5: Mouse brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 43, 28 kDa Observed band size: 43 kDa



#### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7152171 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7152171.