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# anti-Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M) (AA 2-374) antibody (HRP)



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Quantity:	100 μg
Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Binding Specificity:	AA 2-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA

## **Product Details**

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 3 subunit M protein (2-374AA)
Isotype:	IgG
Cross-Reactivity:	Human
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	

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, TANG07 antibody

UniProt: Q7L2H7

Pathways: Ribonucleoprotein Complex Subunit Organization

## **Application Details**

Application Notes: Optimal working dilution should be determined by the investigator.

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.