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Datasheet for ABIN7152173

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

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:	Biotin
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

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: 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.