Datasheet for ABIN1400455

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

Go to Product page

Overview

Quantity:	100 µL
Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCID1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Eukaryotic Translation Initiation Factor 3, Subunit M (EIF3M)
Alternative Name:	PCID1 (EIF3M Products)
Target Type:	Viral Protein
Background:	Synonyms: B5 receptor, Dendritic cell protein, e3m, E3M_HUMAN, Eukaryotic translation initiation factor 3 subunit M, Fetal lung protein B5, FLJ29030, GA17, hfl B5, hFL-B5, PCI domain

Target Details

	containing 1 herpesvirus entry mediator, PCI domain-containing protein 1, PCID1. 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 posttermination 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).
Gene ID:	10480
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months