antibodies -online.com





Datasheet for ABIN7465415

anti-EIF3H antibody



Overview

Overview	
Quantity:	100 μL
Target:	EIF3H
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EIF3H antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human eIF3H /
	EIF3S3. The exact sequence is proprietary.
Clone:	GT2712
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.
Target Details	
Target:	EIF3H
Alternative Name:	eukaryotic translation initiation factor 3 subunit H (EIF3H Products)
Background:	Eukaryotic translation initiation factor 3 subunit H , EIF3S3 , eIF3-gamma , eIF3-p40,Component

of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis (PubMed:17581632, PubMed:25849773, PubMed:27462815). 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 pre-initiation 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 (PubMed:17581632). The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation, including cell cycling, differentiation and apoptosis, and uses different modes of RNA stem-loop binding to exert either translational activation or repression (PubMed:25849773).

Molecular Weight:	40 kDa
Gene ID:	8667
UniProt:	015372

Ribonucleoprotein Complex Subunit Organization

Application Details

Pathways:

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: A431
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.