

Anti-EIF3L / EIF3EIP Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18475

Product Information

Application	WB, IHC-P, IF, ICC
Primary Accession	Q9Y262
Predicted	Human, Mouse, Monkey, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66727
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	51386
Alias Symbol	EIF3L
Other Names	EIF3L, EIF3S6IP, EIF3S11, EIF3EIP, HSPC021, HSPC025, MSTP005
Target/Specificity	Recognizes endogenous levels of EIF3L protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-EIF3L / EIF3EIP Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EIF3L {ECO:0000255 HAMAP-Rule:MF_03011}
Function	<p>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- tRNA_i 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).</p>

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03011}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.