

Anti-EIF3L / EIF3EIP Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18475**Specification****Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - 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
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A

Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - 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.

Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - Protein Information**Name** EIF3L {ECO:0000255|HAMAP-Rule:MF_03011}**Function**

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:<[a href="http://www.uniprot.org/citations/17581632" target="_blank">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:<\[a href="http://www.uniprot.org/citations/25849773" target="_blank">25849773\\).\]\(http://www.uniprot.org/citations/25849773\)](http://www.uniprot.org/citations/17581632)

Cellular Location

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

Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - Images