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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: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).

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 Cytomety
- Cell Culture

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