

## **Anti-EIF3L / EIF3EIP Antibody (N-Terminus)**

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18475

# **Specification**

Host

## Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - Product Information

Application WB, IHC-P, IF, ICC

Primary Accession <u>09Y262</u>

Predicted Human, Mouse, Monkey, Pig, Chicken,

Bovine, Dog Rabbit Polyclonal

Clonality Polyclon 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.

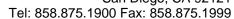
# Anti-EIF3L / EIF3EIP Antibody (N-Terminus) - Protein Information

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:<a

href="http://www.uniprot.org/citations/17581632" target="\_blank">17581632</a>, PubMed:<a href="http://www.uniprot.org/citations/25849773" target="\_blank">25849773</a>, PubMed:<a href="http://www.uniprot.org/citations/27462815" target="\_blank">27462815</a>). 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</a>). 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</a>).

#### **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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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