

Rabbit anti-Human, Mouse EIF3L Polyclonal Antibody | anti-EIF3L antibody

Rabbit anti-EIF3L Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212912	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

EIF3L; Polyclonal Antibody; Rabbit anti-EIF3L Antibody; Affinity Purified; eukaryotic translation initiation factor 3 subunit E-interacting protein; MSTP005; HSPC025; HSPC021; eukaryotic translation initiation factor 3 subunit L; EIF3S6IP; EIF3S11; eIF3L; EIF3EIP; eIEF associated protein HSPC021; eukaryotic translation initiation factor 3 subunit 6-interacting protein; Eukaryotic translation initiation factor 3 subunit L; anti-EIF3L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-EIF3L antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	X. tropicalis, Chicken, Bovine, Chimpanzee
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse EIF3L by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EIF3L antibody AAA212912 (lot AAA212912-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human EIF3L by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EIF3L antibody AAA212912 (lot AAA212912-1) used for IP at 6 ug per reaction. EIF3L was also immunoprecipitated by rabbit anti-EIF3L antibody For blotting immunoprecipitated EIF3L, AAA212912 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3L antibody	Eukaryotic translation initiation factor 3 subunit L (EIF3L) is a component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. 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 preinitiation 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y262].
Product Categories/Family for anti-EIF3L antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705433
NCBI GeneID	51386
NCBI Accession #	NP_057175.1
NCBI GenBank Nucleotide #	NM_016091.3
UniProt Accession #	Q9Y262; Q53HQ1; Q53HT4; Q5QTR1; Q5TI15; Q6ICD2; B2RDG6; B4DYB2; G8JLH4
Molecular Weight	61,014 Da
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit L isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit L
NCBI Official Symbol	EIF3L
NCBI Official Synonym Symbols	EIF3EIP; EIF3S11; HSPC021; HSPC025; MSTP005; EIF3S6IP
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit L
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit L
UniProt Gene Name	EIF3L
UniProt Entry Name	EIF3L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif3l-antibody-immunoprecipitation-western-blot-elisa/212912>