

Rabbit EIF3B Polyclonal Antibody | anti-EIF3B antibody

EIF3B Rabbit Polyclonal Antibody

CATALOG # AAA313220	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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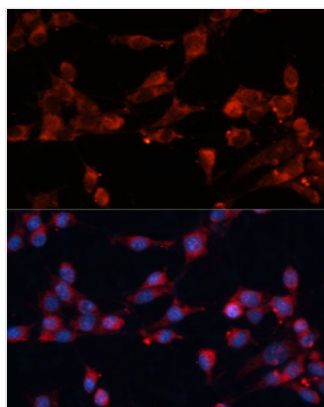
PRODUCT SYNONYMS

EIF3B; Polyclonal Antibody; EIF3B Rabbit Polyclonal Antibody; EIF3-ETA; EIF3-P110; EIF3-P116; EIF3S9; PRT1; anti-EIF3B antibody

PRODUCT SPECIFICATIONS

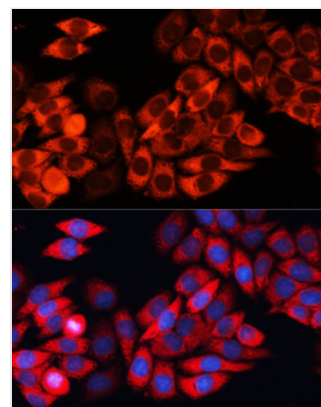
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-EIF3B antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human eIF3B (NP_003742.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



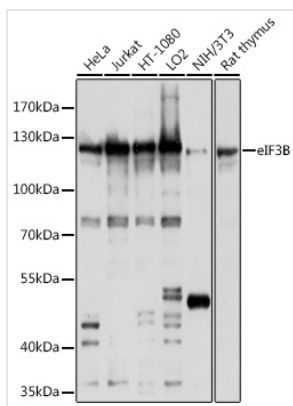
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using eIF3B Polyclonal Antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using eIF3B Polyclonal Antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using eIF3B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-eIF3B antibody

RNA-binding 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 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. 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.

Product Categories/Family for anti-eIF3B antibody

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	218512094
NCBI GeneID	8662
UniProt Accession #	P55884; Q2NL77; Q9UMF9; A4D208
Molecular Weight	99,029 Da
NCBI Official Full Name	Eukaryotic translation initiation factor 3 subunit B {ECO:0000255 HAMAP-Rule:MF_03001}
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3, subunit B
NCBI Official Symbol	EIF3B
NCBI Official Synonym Symbols	PRT1; EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit B {ECO:0000255 HAMAP-Rule:MF_03001}; hPrt1; eIF-3-eta; eIF3 p110; eIF3 p116; prt1 homolog; eukaryotic translation initiation factor 3 subunit 9; eukaryotic translation initiation factor 3, subunit 9 eta,
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit B
UniProt Gene Name	EIF3B
UniProt Synonym Gene Names	eIF3b
UniProt Entry Name	EIF3B_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.

