

Rabbit EIF3F Polyclonal Antibody | anti-EIF3F antibody

EIF3F Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324720	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

EIF3F; Polyclonal Antibody; EIF3F Antibody; Deubiquitinating enzyme eIF3f; eIF 3 epsilon; eIF-3-epsilon; eIF3 p47; eIF3 p47 subunit; eIF3-epsilon; eIF3-p47; eIF3f; EIF3F_HUMAN; EIF3S5; formerly; Eukaryotic translation initiation factor 3 subunit 5; Eukaryotic translation initiation factor 3 subunit F; eukaryotic translation initiation factor 3; subunit 5 (epsilon; 47kD); subunit 5 epsilon; 47kDa; subunit F; translation initiation factor 3 47 kda subunit; anti-EIF3F antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EIF3F antibody detects endogenous levels of total EIF3F
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	357
Applicable Applications for anti-EIF3F antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EIF3F, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells using EIF3F antibody.



IF (Immunofluorescence)

AAA324720 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324720 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3F antibody	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). Similarity: The MPN domain mediates deubiquitinating activity. Belongs to the eIF-3 subunit F family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503519
NCBI GeneID	8665
NCBI Accession #	NP_003745.1
NCBI GenBank Nucleotide #	NM_003754.2
UniProt Accession #	O00303; Q6IB45; Q8N978; A8K0S2
Molecular Weight	38 KD
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit F
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit F
NCBI Official Symbol	EIF3F
NCBI Official Synonym Symbols	EIF3S5; eIF3-p47
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit F
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit F
UniProt Gene Name	EIF3F
UniProt Synonym Gene Names	EIF3S5UniRule annotationManual assertion according to rulesiHAMAP-Rule:MF_03005; eIF3f

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.