

Rabbit anti-Human, Mouse EIF3M Polyclonal Antibody | anti-EIF3M antibody

EIF3M Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231790	Rabbit	Human, Mouse	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

EIF3M; Polyclonal Antibody; EIF3M Antibody; Eukaryotic translation initiation factor 3 subunit M; Fetal lung protein B5; hFL-B5; PCI domain-containing protein 1; anti-EIF3M antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	242
Applicable Applications for anti-EIF3M antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Eukaryotic translation initiation factor 3 subunit M protein (1-374AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133541
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating EIF3M in HeLa whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA231790 in HeLa whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: AAA231790(4ug)+ HeLa whole cell lysate(500ug) Lane 3: HeLa whole cell lysate (20ug)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231790 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA231790 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: EIF3M antibody at 2.02 ug/mlLane 1: Hela whole cell lysateLane 2: A549 whole cell lysateLane 3: Mouse gonadal tissueLane 4: Human placenta tissueLane 5: Mouse stomach tissueLane 6: Mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 43,28 kDaObserved band size: 43 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3M antibody

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. May favor virus entry in case of infection with herpes simplex virus 1 (HSV1) or herpes simplex virus 2 (HSV2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	808154218
NCBI GeneID	10480
NCBI Accession #	NP_001294858.1
NCBI GenBank Nucleotide #	NM_001307929.1
UniProt Accession #	Q7L2H7; O60735; Q2F836; Q53HL6; Q9BXW1; A8K7X4; B4E2Q4
Molecular Weight	27,865 Da
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit M isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit M
NCBI Official Symbol	EIF3M
NCBI Official Synonym Symbols	B5; GA17; PCID1; TANGO7; hfl-B5
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit M
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit M
UniProt Gene Name	EIF3M
UniProt Synonym Gene Names	eIF3m; hFL-B5
UniProt Entry Name	EIF3M_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/eif3m-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/231790>