

Rabbit anti-Human EIF3K Polyclonal Antibody | anti-EIF3K antibody

EIF3K Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231942	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

EIF3K; Polyclonal Antibody; EIF3K Antibody; Eukaryotic translation initiation factor 3 subunit K; Eukaryotic translation initiation factor 3 subunit 12; anti-EIF3K antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	218
Applicable Applications for anti-EIF3K antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Eukaryotic translation initiation factor 3 subunit K protein (1-218AA)
Immunogen Species	Homo Sapiens (Human)
Research Area	Neuroscience
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79476 / sc-79477
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitating EIF3K in HeLa whole cell lysate. Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA231942 in HeLa whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000). Lane 2: AAA231942(4ug)+ HeLa whole cell lysate(500ug). Lane 3: HeLa whole cell lysate (20ug)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231942 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA231942 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: EIF3K antibody at 1.72ug/mlLane 1: Thp-1 whole cell lysateLane 2: HT29 whole cell lysateLane 3: 293T whole cell lysateLane 4: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 26,25 kDaObserved band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3K 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10801345
NCBI GeneID	27335
NCBI Accession #	NP_037366.1
NCBI GenBank Nucleotide #	NM_013234.3
UniProt Accession #	Q9UBQ5; Q96IQ0; Q9Y6D1; A8K0I9; B7ZAM9
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit K isoform 1
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3 subunit K
NCBI Official Symbol	EIF3K
NCBI Official Synonym Symbols	M9; ARG134; PLAC24; PTD001; EIF3S12; HSPC029; MSTP001; PLAC-24; PRO1474; EIF3-p28
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit K
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit K
UniProt Gene Name	EIF3K
UniProt Synonym Gene Names	eIF3k
UniProt Entry Name	EIF3K_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/eif3k-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/231942>