

Rabbit EIF3E Polyclonal Antibody | anti-EIF3E antibody

EIF3E Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289873	Rabbit	Human, Zebrafish (Predicted Reactivity: Xenopus, Bovine, Chicken, Monkey, Mouse, Rat)	ELISA, Western Blot

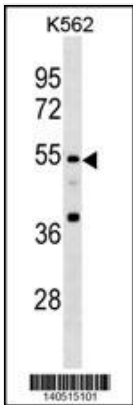
PRODUCT SYNONYMS

EIF3E; Polyclonal Antibody; EIF3E Antibody (Center); Eukaryotic translation initiation factor 3 subunit E {ECO:0000255|HAMAP-Rule:MF_03004}; eIF3e {ECO:0000255|HAMAP-Rule:MF_03004}; Eukaryotic translation initiation factor 3 subunit 6 {ECO:0000255|HAMAP-Rule:MF_03004}; Viral integration site protein INT-6 homolog; eIF-3 p48 {ECO:0000255|HAMAP-Rule:MF_03004}; EIF3E {ECO:0000255|HAMAP-Rule:MF_03004}; anti-EIF3E antibody

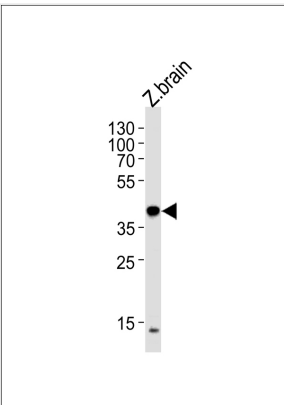
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Zebrafish (Predicted Reactivity: Xenopus, Bovine, Chicken, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EIF3E antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the Central region of human EIF3E.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	248-276
Sequence Length	445
Applicable Applications for anti-EIF3E antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
EIF3E Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the EIF3E antibody detected the EIF3E protein (arrow).



WB (Western Blot)
DANRE) eif3eb Antibody (Center) western blot analysis in zebra fish brain tissue lysates (35ug/lane).This demonstrates the (DANRE) eif3eb antibody detected the (DANRE) eif3eb protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-EIF3E 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 posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. Required for nonsense-mediated mRNA decay (NMD); may act in conjunction with UPF2 to divert mRNAs from translation to the NMD pathway. May interact with MCM7 and EPAS1 and regulate the proteasome-mediated degradation of these proteins.
Product Categories/Family for anti-EIF3E antibody	Crown Antibodies
References	Grzmil, M., et al. Oncogene 29(28):4080-4089(2010) Zhou, M., et al. Proc. Natl. Acad. Sci. U.S.A. 105(47):18139-18144(2008) Masutani, M., et al. EMBO J. 26(14):3373-3383(2007) Morris, C., et al. EMBO Rep. 8(6):596-602(2007) Sirchia, R., et al. Biol. Chem. 388(5):457-465(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503521
NCBI GeneID	3646
NCBI Accession #	NP_001559.1
NCBI GenBank Nucleotide #	NM_001568.2
UniProt Accession #	P60228; O43902; Q64058; Q64059; Q64252; Q6FG33; Q8WVK4
Molecular Weight	52221
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit E
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 3, subunit E
NCBI Official Symbol	EIF3E
NCBI Official Synonym Symbols	INT6; EIF3S6; EIF3-P48; eIF3-p46
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit E

UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit E
UniProt Gene Name	EIF3E
UniProt Synonym Gene Names	eIF3e
UniProt Entry Name	EIF3E_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/eif3e-antibody-western-blot-elisa/289873>