

Rabbit anti-Human eIF4E Monoclonal Antibody | anti-EIF4E antibody

eIF4E Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282661	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

eIF4E; Monoclonal Antibody; eIF4E Rabbit mAb; CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1; anti-EIF4E antibody

PRODUCT SPECIFICATIONS

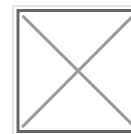
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	NKQQRSDLD RFWLETLCL IGESFDDYSD DVCGAVNVNR AKGDKIAIW TECENREAVT HIGRVYKERL GLPPKIVIGY QSHADTATKS GSTTKNRFVV
Applicable Applications for anti-EIF4E antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 118-217 of human eIF4E (P06730).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 600 ug extracts of Mouse testis using 3 ug eIF4E antibody (AAA282661). Western blot was performed from the immunoprecipitate using eIF4E (AAA282661) at a dilution of 1:500.



WB (Western Blot)

Western blot analysis of various lysates using eIF4E Rabbit mAb (AAA282661) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E antibody

The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of messenger RNAs. The encoded protein aids in translation initiation by recruiting ribosomes to the 5'-cap structure. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. This gene acts as a proto-oncogene, and its expression and activation is associated with transformation and tumorigenesis. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-EIF4E antibody

Epigenetics Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Protein phosphorylation; Signal Transduction; Endocrine Metabolism; Insulin Receptor Signaling Pathway; Immunology Inflammation; Cardiovascular; Angiogenesis; Antibo

NCBI AND UNIPROT INFORMATION

NCBI GI #	194578907
NCBI GeneID	1977
NCBI Accession #	NP_001124150.1
NCBI GenBank Nucleotide #	NM_001130678.1
UniProt Accession #	P06730; Q96E95; B7Z6V1; D6RCQ6
Molecular Weight	Calculated MW: 25kDa Observed MW: 25kDa
UniProt Protein Name	Eukaryotic translation initiation factor 4E
UniProt Gene Name	EIF4E
UniProt Synonym Gene Names	EIF4EL1; EIF4F; eIF-4E; eIF4E
UniProt Entry Name	IF4E_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/eif4e-antibody-immunoprecipitation-western-blot-elisa/282661>