

Mouse eIF4E Monoclonal Antibody | anti-EIF4E antibody

Anti-eIF4E Antibody

CATALOG # AAA290883	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	----------------------	--	-------------------------------------

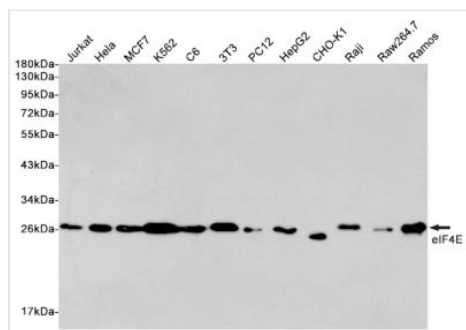
PRODUCT SYNONYMS

eIF4E; Monoclonal Antibody; Anti-eIF4E Antibody; AUTS19; CBP; eIF 4E; eIF 4F 25 kDa subunit; EIF 4F; eIF-4E; eIF-4F 25 kDa subunit; EIF4E1; EIF4EL1; EIF4F; Eukaryotic translation initiation factor 4 E; Eukaryotic translation initiation factor 4E; Eukaryotic translation initiation factor 4E like 1; IF4E_HUMAN; Messenger RNA Cap binding Protein eIF 4E; MGC111573; mRNA cap binding protein; mRNA cap-binding protein.; anti-EIF4E antibody

PRODUCT SPECIFICATIONS

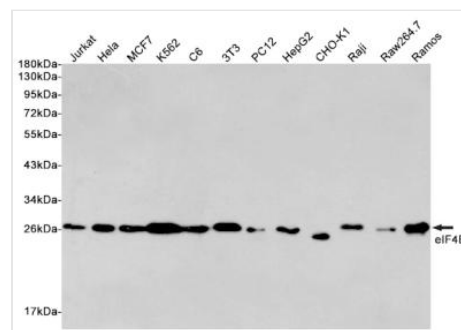
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Form/Format	Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Sequence Length	237
Applicable Applications for anti-EIF4E antibody	WB (Western Blot)
Cellular Location	Cytoplasm, P-body. Cytoplasm
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt

IMAGES



WB (Western Blot)

Western blot detection of eIF4E in Jurkat, HeLa, MCF7, K562, C6, 3T3, PC12, HepG2, CHO-K1, Raji, Raw264.7 and Ramos cell lysates using eIF4E mouse mAb (1:2000 diluted). Predicted band size: 25KDa. Observed band size:25KDa.



WB (Western Blot)

Western blot detection of eIF4E in MDA-MB-468, ZR75-1, MCF7, T47D and CHO-K1 cell lysates using eIF4E mouse mAb (1:1000 diluted). Predicted band size: 25KDa. Observed band size:25KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF4E antibody

Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures. Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates the binding to the mRNA cap.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194578907
NCBI GeneID	1977
NCBI Accession #	NP_001124150.1
NCBI GenBank Nucleotide #	NM_001968
UniProt Accession #	P06730; Q96E95; B7Z6V1; D6RCQ6
Molecular Weight	25kDa
NCBI Official Full Name	eukaryotic translation initiation factor 4E isoform 3
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 4E
NCBI Official Symbol	EIF4E
NCBI Official Synonym Symbols	CBP; EIF4F; AUTS19; EIF4E1; eIF-4E; EIF4EL1
NCBI Protein Information	eukaryotic translation initiation factor 4E
UniProt Protein Name	Eukaryotic translation initiation factor 4E
UniProt Gene Name	EIF4E
UniProt Synonym Gene Names	EIF4EL1; EIF4F; eIF-4E; eIF4E

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://www.aaabiotech.com/monoclonal/eif4e-antibody-western-blot-elisa/290883>