

Product Name: eIF4E Rabbit Monoclonal Antibody**Catalog #: AMRe21118**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:25kD;Observed MW:25kD

Antigen Information

Gene Name	EIF4E
Alternative Names	EIF4E;EIF4EL1;EIF4F;Eukaryotic translation initiation factor 4E;eIF-4E;eIF4E;eIF-4F 25 kDa subunit;mRNA cap-binding protein
Gene ID	1977.0
SwissProt ID	P06730
Immunogen	A synthetic peptide corresponding to target protein

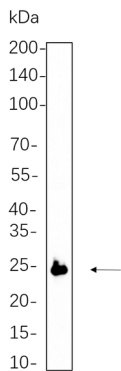
Background

Cell localization:Cytoplasm, Nucleus.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. [provided by RefSeq, Sep 2015],

Research Area

Image Data



Hela cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with eIF4E Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.