

Product Name: EIF4E2 Mouse Monoclonal Antibody**Catalog #: AMM85916**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:200-1:1600
Molecular Weight	28.4kDa

Antigen Information

Gene Name	EIF4E2
Alternative Names	Eukaryotic translation initiation factor 4E type 2, eIF-4E type 2, eIF4E type 2, Eukaryotic translation initiation factor 4E homologous protein, Eukaryotic translation initiation factor 4E-like 3, eIF4E-like protein 4E-LP, mRNA cap-binding protein 4EHP, mRNA cap-binding protein type 3, EIF4E2, EIF4EL3
Gene ID	9470.0
SwissProt ID	O60573
Immunogen	This EIF4E2 monoclonal antibody is generated from mouse immunized with EIF4E2 recombinant protein.

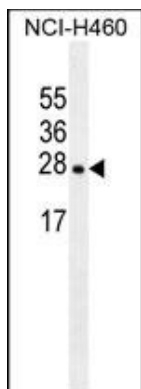
Background

EIF4E2 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.

Research Area

PI3K-Akt signaling pathway

Image Data



EIF4E2 antibody western blot analysis in NCI-H460 cell line lysates (35µg/lane). This demonstrates the EIF4E2 antibody detected the EIF4E2 protein (arrow).