

Product Name: 4E BP3 (3B6) Mouse Monoclonal Antibody
Catalog #: AMM03543

Summary

Production Name	4E BP3 (3B6) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	EIF4EBP3
Alternative Names	4EBP3; 4E-BP3
Gene ID	8637
SwissProt ID	O60516.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 11 kDa; Observed MW: 11 kDa

Background

Repressor of translation initiation that regulates EIF4E activity by preventing its assembly into the eIF4F complex:

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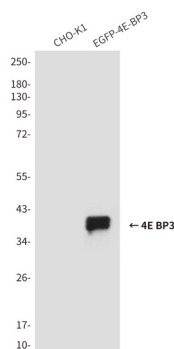


hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of EIF4EBP3 in CHO-K1 lysates (B) and CHO-K1 transfected by EGFPEIF4EBP3 fragment (A) lysates using EIF4EBP3 antibody.

Note

For research use only.