

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

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## Summary

<b>Production Name</b>	4E BP3 (3B6) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Transfected

## Performance

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

## Immunogen

<b>Gene Name</b>	EIF4EBP3
<b>Alternative Names</b>	4EBP3; 4E-BP3
<b>Gene ID</b>	8637
<b>SwissProt ID</b>	O60516

## Application

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

## Background

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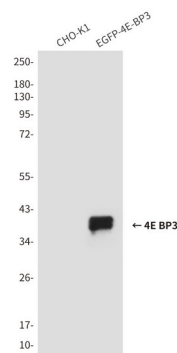
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Repressor of translation initiation that regulates EIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation.

## 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.