

**Product Name: 4E BP2 (7A6) Mouse Monoclonal Antibody**  
**Catalog #: AMM03542**

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## Summary

<b>Production Name</b>	4E BP2 (7A6) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<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 Purification

## Immunogen

<b>Gene Name</b>	EIF4EBP2
<b>Alternative Names</b>	4EBP2; PHASII
<b>Gene ID</b>	1979
<b>SwissProt ID</b>	Q13542.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 13 kDa; Observed MW: 15-20 kDa

## Background

Regulates eIF4E activity by preventing its assembly into the eIF4F complex. Mediates the regulation of protein translation

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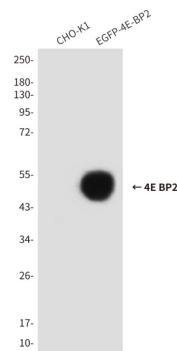
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by hormones, growth factors and other stimuli that signal through the MAP kinase pathway.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of 4EBP2 in CHO-K1 lysates and CHO-K1 transfected by EGFP4EBP2 lysates using 4EBP2 antibody.

## Note

For research use only.