

**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>     | 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% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b> | Affinity Purification                                                                          |

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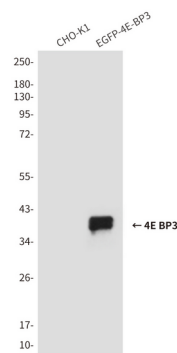
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Repressor of translation initiation that regulates EIF4E activity by preventing its assembly into the eIF4F complex: hypophosphorylated form competes with EIF4G1/EIF4G3 and strongly binds to EIF4E, leading to repress translation.

## 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.