

Datasheet for ABIN633255  
**anti-EIF4E antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | EIF4E                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human, Rat, Mouse                    |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This EIF4E antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|               |                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | EIF4 E antibody was raised using the C terminal of EIF4 corresponding to a region with amino acids TECENREAVTHIGRVYKERLGLPPKIVIGYQSHADTATKSGSTTKNRFVV |
| Specificity:  | EIF4 E antibody was raised against the C terminal of EIF4                                                                                             |
| Purification: | Affinity purified                                                                                                                                     |

## Target Details

|                   |                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | EIF4E                                                                                                                                                                                                                                                                                  |
| Alternative Name: | EIF4E                                                                                                                                                                                                                                                                                  |
| Background:       | All eukaryotic cellular mRNAs are blocked at their 5-prime ends with the 7-methylguanosine cap structure, m7GpppX (where X is any nucleotide). This structure is involved in several cellular processes including enhanced translational efficiency, splicing, mRNA stability, and RNA |

## Target Details

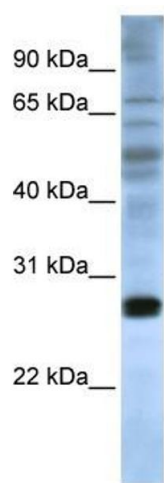
|                   |                               |
|-------------------|-------------------------------|
|                   | nuclear export.               |
| Molecular Weight: | 25 kDa (MW of target protein) |
| Pathways:         | <a href="#">BCR Signaling</a> |

## Application Details

|                    |                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB: 1 µg/mL<br>Optimal conditions should be determined by the investigator.                                                                     |
| Comment:           | EIF4E Blocking Peptide, (ABIN5613341), is also available for use as a blocking control in assays to test for specificity of this EIF4E antibody |
| Restrictions:      | For Research Use only                                                                                                                           |

## Handling

|                  |                                                                                             |
|------------------|---------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                 |
| Reconstitution:  | Lyophilized powder. Add distilled water for a 1 mg/mL concentration of EIF0 antibody in PBS |
| Concentration:   | Lot specific                                                                                |
| Buffer:          | PBS                                                                                         |
| Handling Advice: | Avoid repeated freeze/thaw cycles.<br>Dilute only prior to immediate use.                   |
| Storage:         | 4 °C/-20 °C                                                                                 |
| Storage Comment: | Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.          |



Western Blotting

**Image 1.** EIF4E antibody used at 1 ug/ml to detect target protein.