

# EIF4ENIF1 Rabbit pAb

Catalog NO.: A15175 **1 Publications**

## Basic Information

### Observed MW

178kDa

### Calculated MW

108kDa

### Category

Polyclonal Antibodies

### Applications

WB, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

## Background

The protein encoded by this gene is a nucleocytoplasmic shuttle protein for the translation initiation factor eIF4E. This shuttle protein interacts with the importin alpha-beta complex to mediate nuclear import of eIF4E. It is predominantly cytoplasmic; its own nuclear import is regulated by a nuclear localization signal and nuclear export signals. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

| Gene ID | Swiss Prot |
|---------|------------|
| 56478   | Q9NRA8     |

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

4E-T; Clast4; EIF4ENIF1

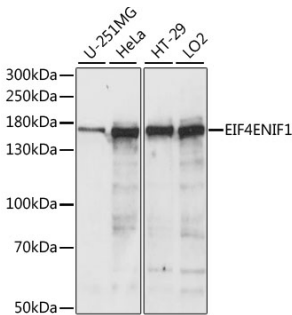
## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                       |                |                       |
|-------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                         | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                | IgG            | Affinity purification |
| <b>Storage</b>                                        |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.           |                |                       |
| Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |                |                       |

Validation Data



Western blot analysis of various lysates using EIF4ENIF1 Rabbit pAb (A15175) at 1:1000 dilution.

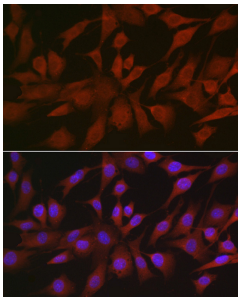
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

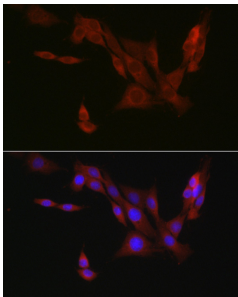
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

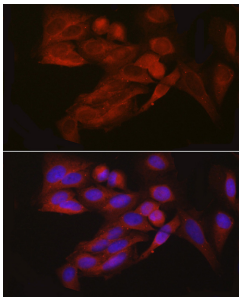
Exposure time: 3s.



Immunofluorescence analysis of NIH/3T3 cells using EIF4ENIF1 Rabbit pAb (A15175) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using EIF4ENIF1 Rabbit pAb (A15175) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using EIF4ENIF1 Rabbit pAb (A15175) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

