

A4305

Leader in Biomolecular Solutions for Life Science



## EIF4E2 Rabbit pAb

Catalog No.: A4305

2 Publications

### Basic Information

#### Observed MW

27kDa/28kDa

#### Calculated MW

28kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

Enables ubiquitin protein ligase binding activity. Involved in positive regulation of miRNA mediated inhibition of translation. Acts upstream of or within negative regulation of translation. Located in P-body. Part of mRNA cap binding activity complex.

### Recommended Dilutions

|        |                |
|--------|----------------|
| WB     | 1:500 - 1:1000 |
| IHC-P  | 1:50 - 1:200   |
| IF/ICC | 1:50 - 1:200   |

### Immunogen Information

#### Gene ID

9470

#### Swiss Prot

O60573

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human EIF4E2 (NP\_004837.1).

#### Synonyms

4EHP; IF4e; 4E-LP; h4EHP; EIF4EL3; EIF4E2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

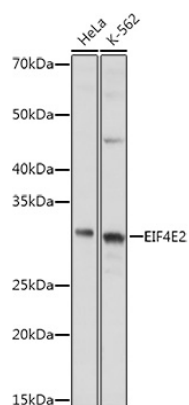
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

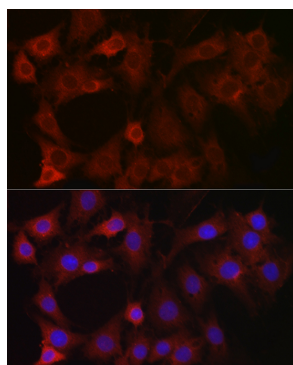
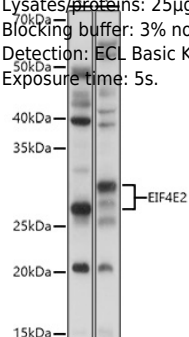
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

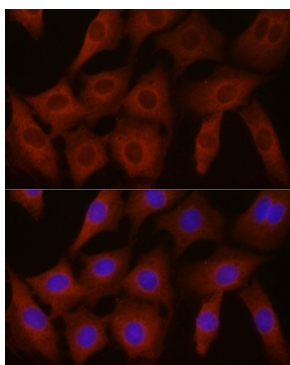


Western blot analysis of extracts of various cell lines, using EIF4E2 antibody (A4305) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 2s.

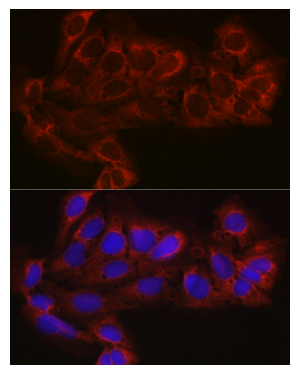
Western blot analysis of extracts of various cell lines, using EIF4E2 antibody (A4305) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 5s.



Immunofluorescence analysis of C6 cells using EIF4E2 Rabbit pAb (A4305) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using EIF4E2 Rabbit pAb (A4305) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using EIF4E2 Rabbit pAb (A4305) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.