

## Rabbit EIF4EBP1 Polyclonal Antibody | anti-EIF4EBP1 antibody

EIF4EBP1 (Ab-69) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA242223 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

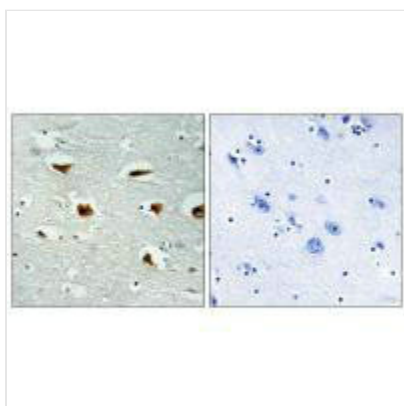
### PRODUCT SYNONYMS

EIF4EBP1; Polyclonal Antibody; EIF4EBP1 (Ab-69) Antibody; 4EBP1; P/OKCL6; PHAS-I; PHAS-1; anti-EIF4EBP1 antibody

### PRODUCT SPECIFICATIONS

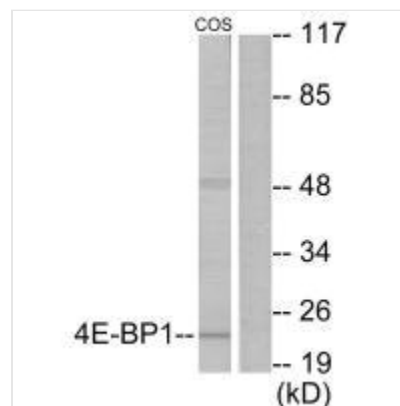
|                                                    |                                                                                                                                                            |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                     |
| Reactivity                                         | Human, Mouse, Rat                                                                                                                                          |
| Clonality                                          | Polyclonal                                                                                                                                                 |
| Isotype                                            | IgG                                                                                                                                                        |
| Purity/Purification                                | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                       |
| Form/Format                                        | Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol. |
| Applicable Applications for anti-EIF4EBP1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                       |
| Immunogen                                          | Synthesized non-phosphopeptide derived from human 4E-BP1 around the phosphorylation site of threonine 70 (A-K-T-P-P).                                      |
| Immunogen Species                                  | Human                                                                                                                                                      |
| Conjugate                                          | Non-conjugated                                                                                                                                             |
| Preparation and Storage                            | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using 4E-BP1 (Ab-69) antibody.



#### WB (Western Blot)

Western blot analysis of extracts from COS7 cells, treated with EGF (200ng/ml, 30mins), using 4E-BP1 (Ab-69) antibody.

ADDITIONAL INFORMATION

|                                                      |                                   |
|------------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-EIF4EBP1 antibody | Epigenetics and Nuclear Signaling |
|------------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4758258                                                                                                                                                     |
| NCBI GeneID                      | 1978                                                                                                                                                        |
| NCBI Accession #                 | NP_004086.1                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_004095.3                                                                                                                                                 |
| UniProt Accession #              | Q13541; Q6IBN3; B2R502; D3DSW8                                                                                                                              |
| Molecular Weight                 | 12,580 Da                                                                                                                                                   |
| NCBI Official Full Name          | eukaryotic translation initiation factor 4E-binding protein 1                                                                                               |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 4E binding protein 1                                                                                               |
| NCBI Official Symbol             | EIF4EBP1                                                                                                                                                    |
| NCBI Official Synonym Symbols    | BP-1; 4EBP1; 4E-BP1; PHAS-I                                                                                                                                 |
| NCBI Protein Information         | eukaryotic translation initiation factor 4E-binding protein 1; eIF4E-binding protein 1; phosphorylated heat- and acid-stable protein regulated by insulin 1 |
| UniProt Protein Name             | Eukaryotic translation initiation factor 4E-binding protein 1                                                                                               |
| UniProt Gene Name                | EIF4EBP1                                                                                                                                                    |
| UniProt Synonym Gene Names       | 4E-BP1; eIF4E-binding protein 1; PHAS-I                                                                                                                     |
| UniProt Entry Name               | 4EBP1_HUMAN                                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eif4ebp1-antibody-immunohistochemistry-western-blot-elisa/242223>