

|                                                                                  |                                                   |  |
|----------------------------------------------------------------------------------|---------------------------------------------------|--|
|  | <b>4E-BP1 (phospho Thr37) Polyclonal Antibody</b> |  |
|----------------------------------------------------------------------------------|---------------------------------------------------|--|

|                                 |                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Swiss-Prot No.:</b>          | Q13541                                                                                                                                                                                |
| <b>Molecular Weight:</b>        | 12.449                                                                                                                                                                                |
| <b>Applications:</b>            | WB,IHC,ELISA                                                                                                                                                                          |
| <b>Reactivity:</b>              | Human,Mouse,Rat                                                                                                                                                                       |
| <b>Purification:</b>            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                 |
| <b>Immunogen:</b>               | Synthesized peptide derived from human 4E-BP1 around the phosphorylation site of T37.                                                                                                 |
| <b>Specificity/Sensitivity:</b> | Phospho-4E-BP1 (T37) Polyclonal Antibody detects endogenous levels of 4E-BP1 protein only when phosphorylated at T37.                                                                 |
| <b>Other Names:</b>             | EIF4EBP1; Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-I |
| <b>Storage/Stability:</b>       | -20°C/1 year                                                                                                                                                                          |
| <b>Source:</b>                  | Rabbit                                                                                                                                                                                |
| <b>Form of Antibody:</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                               |
| <b>Protein Concentration:</b>   | 1 mg/ml                                                                                                                                                                               |

|                   |                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name:</b> | EIF4EBP1                                                                                                                 |
| <b>Dilution:</b>  | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. |