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## Product Datasheet

**4E Binding Protein 1 (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Rabbit**  
**USB-0004-18**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | 4E Binding Protein 1 (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Rabbit                                                                                                 |
| Artikelnummer            | USB-0004-18                                                                                                                                                                                                                                                   |
| Hersteller Artikelnummer | 0004-18                                                                                                                                                                                                                                                       |
| Alternativnummer         | USB-0004-18-100                                                                                                                                                                                                                                               |
| Hersteller               | US Biological                                                                                                                                                                                                                                                 |
| Wirt                     | Rabbit                                                                                                                                                                                                                                                        |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IP, WB                                                                                                                                                                                                                                                        |
| Immunogen                | Synthetic peptide corresponding to residues surrounding Ser112 of human 4E-BP1. MW of Antigen: 15-20kD.                                                                                                                                                       |
| Produktbeschreibung      | 4E-BP1 (also known as PHAS-1) normally binds eIF4E, inhibiting cap-dependent translation. Hyperphosphorylation of 4E-BP1 disrupts this binding, activating cap-dependent translation (1). The PI3 kinase/Akt pathway and FRAP/mTOR kinase regulate 4E-BP1 ... |
| UniProt                  | <a href="#">Q13541</a>                                                                                                                                                                                                                                        |
| Reinheit                 | Purified by protein A and peptide affinity chromatography.                                                                                                                                                                                                    |
| Formulierung             | Supplied as a liquid in 10mM sodium HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, 50% glycerol.                                                                                                                                                         |