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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**

|                            |   |
|----------------------------|---|
| Article Name               | 4E Binding Protein 1 (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Rabbit   |
| Biozol Catalog Number      | USB-0004-18   |
| Supplier Catalog Number    | 0004-18   |
| Alternative Catalog Number | USB-0004-18-100   |
| Manufacturer               | US Biological   |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | IP, WB  |
| Immunogen                  | Synthetic peptide corresponding to residues surrounding Ser112 of human 4E-BP1. MW of Antigen: 15-20kD.   |
| Product Description        | 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>  |
| Purity                     | Purified by protein A and peptide affinity chromatography.  |
| Form                       | Supplied as a liquid in 10mM sodium HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, 50% glycerol.   |