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Product Datasheet

**4E Binding Protein 1, phosphorylated (Thr37/46) (Protein Synthesis
Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I,
Eukaryotic Translation Initiation Factor BP), Rabbit
USB-0004-19**

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|----------------------------|---|
| Article Name | 4E Binding Protein 1, phosphorylated (Thr37/46) (Protein Synthesis Initiation Factor 4E Binding Protein, eIF-4EBP1, PHAS-1, PHAS-I, Eukaryotic Translation Initiation Factor BP), Rabbit |
| Biozol Catalog Number | USB-0004-19 |
| Supplier Catalog Number | 0004-19 |
| Alternative Catalog Number | USB-0004-19-100 |
| Manufacturer | US Biological |
| Host | Rabbit |
| Category | Antikörper |
| Application | WB |
| Immunogen | Synthetic phosphopeptide corresponding to residues surrounding Thr37 of mouse 4E-BP1 and Thr46 of mouse 4E-BP1. |
| 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 | Q13541 |
| Purity | Purified by Protein A and peptide affinity chromatography. |
| Form | Supplied as a liquid in 10mM HEPES, pH 7.5, 150mM sodium chloride, 0.1mg/ml BSA, 50% glycerol. |