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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**

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	<a href="#">Q13541</a>
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.