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## Product Datasheet

### 4EBP1 (Phospho-T46) Rabbit monoclonal antibody, Unconjugated BWT-MB66300

|                            |   |
|----------------------------|---|
| Article Name               | 4EBP1 (Phospho-T46) Rabbit monoclonal antibody, Unconjugated  |
| Biozol Catalog Number      | BWT-MB66300   |
| Supplier Catalog Number    | MB66300   |
| Alternative Catalog Number | BWT-MB66300-50UL,BWT-MB66300-100UL  |
| Manufacturer               | Bioworld Technology   |
| Host                       | Rabbit  |
| Category                   | Antikörper  |
| Application                | IHC, IP, WB   |
| Species Reactivity         | Human, Mouse, Rat   |
| Immunogen                  | A synthetic phosphopeptide corresponding to residues surrounding Thr45 of human eIF4EBP1  |
| Conjugation                | Unconjugated  |
| Product Description        | Translation repressor protein 4E-BP1 (also known as PHAS-1) inhibits cap-dependent translation by binding to the translation initiation factor eIF4E. Hyperphosphorylation of 4E-BP1 disrupts this interaction and results in activation of cap-dependent ... |
| Molecular Weight           | ~ 15 kDa  |
| UniProt                    | <a href="#">Q13541</a>  |
| Purity                     | The antibody was purified by immunogen affinity chromatography.   |

|                    |   |
|--------------------|---|
| Form               | Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application Dilute | WB (1/500 - 1/1000), IHC (1/50 - 1/100), IP (1/10 - 1/50)   |
| Application Notes  | Recognizes endogenous levels of 4EBP1 (pT46) protein.   |