

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | CREB-2 (Phospho-Ser245) Antibody                                                                                                                                                                                                                 |
| <b>Catalog Number:</b>        | A7017                                                                                                                                                                                                                                            |
| <b>Reactivity:</b>            | Human, Rat, Mouse                                                                                                                                                                                                                                |
| <b>Applications:</b>          | IHC-p, IF(paraffin section), ELISA                                                                                                                                                                                                               |
| <b>Dilutions:</b>             | WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.<br>Not yet tested in other applications.                                                                                                                                     |
| <b>Modification:</b>          | Phospho Specific                                                                                                                                                                                                                                 |
| <b>Source:</b>                | Polyclonal Rabbit                                                                                                                                                                                                                                |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                            |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized peptide derived from human ATF4 around the phosphorylation site of Ser245. AA range:212-261                                                                                                       |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                                                                                                                          |
| <b>Gene Name:</b>             | ATF4                                                                                                                                                                                                                                             |
| <b>Protein Name:</b>          | Cyclic AMP-dependent transcription factor ATF-4                                                                                                                                                                                                  |
| <b>Other Name:</b>            | ATF4; CREB2; TXREB; Cyclic AMP-dependent transcription factor ATF-4; cAMP-dependent transcription factor ATF-4; Activating transcription factor 4; Cyclic AMP-responsive element-binding protein 2; CREB-2; cAMP-responsive element-binding prot |
| <b>Human Swiss Prot No.:</b>  | P18848                                                                                                                                                                                                                                           |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                          |
| <b>Specificity:</b>           | Phospho-CREB-2 (S245) Polyclonal Antibody detects endogenous levels of CREB-2 protein only when phosphorylated at S245.                                                                                                                          |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                                                                                                                                     |