

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | mTOR (Phospho-Ser2448) Antibody                                                                                                                                                                                                                  |
| <b>Catalog Number:</b>        | A7156                                                                                                                                                                                                                                            |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                                                                                                                                                                |
| <b>Applications:</b>          | WB, IHC-p, IF/ICC, ELISA                                                                                                                                                                                                                         |
| <b>Dilutions:</b>             | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. 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 mTOR around the phosphorylation site of Ser2448. AA range:2415-2464                                                                                                    |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                                                                                                                          |
| <b>Gene Name:</b>             | MTOR                                                                                                                                                                                                                                             |
| <b>Protein Name:</b>          | Serine/threonine-protein kinase mTOR                                                                                                                                                                                                             |
| <b>Other Name:</b>            | MTOR; FRAP; FRAP1; FRAP2; RAFT1; RAPT1; Serine/threonine-protein kinase mTOR; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein; Mammalian target of rapamycin; mTOR; Mechanistic tar |
| <b>Human Swiss Prot No.:</b>  | P42345                                                                                                                                                                                                                                           |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                          |
| <b>Specificity:</b>           | Phospho-mTOR (S2448) Polyclonal Antibody detects endogenous levels of mTOR protein only when phosphorylated at S2448.                                                                                                                            |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                                                                                                                                     |