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# Antibodies Product Datasheet

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| **Product Name:** | p70 S6 kinase α (Phospho-Thr412) Antibody |
| **Catalog Number:** | A0533 |
| **Reactivity:** | Human, Mouse, Rat |
| **Applications:** | WB, IHC-p, IF/ICC, ELISA |
| **Dilutions:** | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. |
| **Modification:** | Phospho Specific |
| **Source:** | Polyclonal Rabbit |
| **Purification:** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Immunogen:** | The antiserum was produced against synthesized peptide derived from human p70 S6 Kinase around the phosphorylation site of Thr389. AA range:355-404 |
| **Concentration:** | 1 mg/ml |
| **Gene Name:** | RPS6KB1 |
| **Protein Name:** | Ribosomal protein S6 kinase beta-1 |
| **Other Name:** | RPS6KB1; STK14A; Ribosomal protein S6 kinase beta-1; S6K-beta-1; S6K1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; p70-S6K 1; Ribosomal protein S6 kinase I; Serine/threonine-protein kinase 14A; p70 ribosomal S6 kinase alpha; p70 S6 kinas |
| **Human Swiss Prot No.:** | P23443 |
| **Formulation:** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Specificity:** | Phospho-p70 S6 kinase α (T412) Polyclonal Antibody detects endogenous levels of p70 S6 kinase α protein only when phosphorylated at T412. |
| **Storage and Stability:** | -20°C/1 year |