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| Swiss-Prot No.: | O75582 |
| Storage/Stability: | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Immunogen: | A synthesized peptide derived from human Phospho-MSK1 (S376) |
| Purification: | Affinity Chromatography |
| Reactivity: | Human, Rat |
| Other Names: | 90 kDa ribosomal protein S6 kinase polypeptide 5; EC 2.7.11.1; KS6A5; MSPK1; Nuclear mitogen- and stress-activated protein kinase-1; RLPK; RPS6KA5; kinase MSK1; ribosomal protein S6 kinase; |
| Background: | Serine/threonine-protein kinase that is required for the mitogen or stress-induced phosphorylation of the transcription factors CREB1 and ATF1 and for the regulation of the transcription factors RELA, STAT3 and ETV1/ER81, and that contributes to gene activation by histone phosphorylation and functions in the regulation of inflammatory genes. Phosphorylates CREB1 and ATF1 in response to mitogenic or stress stimuli such as UV-C irradiation, epidermal growth factor (EGF) and anisomycin. |
| Cellular localization: | Cytoplasm, Nucleus |
| Source: | Rabbit |

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| Antibody type: | Polyclonal antibody |
| Isotype: | Rabbit IgG |
| Molecular Weight: | 90kDa |
| Preservative: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Recommended Dilutions: | WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF1:50~1:200 IP 1:50 |