

**P70S6k protein**

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| <b>Catalog No :</b>          | YD0127   |
| <b>Reactivity :</b>          | Human  |
| <b>Applications :</b>        | WB;SDS-PAGE  |
| <b>Gene Name :</b>           | RPS6KB1  |
| <b>Protein Name :</b>        | P70S6k protein   |
| <b>Sequence :</b>            | Amino acid: 211-347, with his-MBP tag.   |
| <b>Human Gene Id :</b>       | 6199   |
| <b>Human Swiss Prot No :</b> | Q9UBS0   |
| <b>Mouse Swiss Prot No :</b> | Q9Z1M4   |
| <b>Formulation :</b>         | Liquid in PBS  |
| <b>Source :</b>              | E.coli   |
| <b>Dilution :</b>            | WB 1:500-2000  |
| <b>Concentration :</b>       | SDS-PAGE >90%  |
| <b>Storage Stability :</b>   | -20 °C/6 month,-80 °C for long storage   |
| <b>Background :</b>          | <p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates specifically ribosomal protein S6.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,</p> |
| <b>Function :</b>            | <p>translation, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process,intracellular signaling cascade, protein kinase cascade, phosphorylation, protein kinase B signaling cascade,</p>  |

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| <b>Subcellular Location :</b> | Cytoplasm. Nucleus. |
| <b>Sort :</b>                 | 11550               |
| <b>Host :</b>                 | Rabbit              |

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## Products Images

