



## RSK3 (Phospho Thr353) rabbit pAb

|                           |   |
|---------------------------|---|
| <b>Catalog No</b>         | YP-Ab-14638   |
| <b>Isotype</b>            | IgG   |
| <b>Reactivity</b>         | Human;Mouse   |
| <b>Applications</b>       | WB; ELISA   |
| <b>Gene Name</b>          | RPS6KA2 MAPKAPK1C RSK3  |
| <b>Protein Name</b>       | RSK3 (Phospho Thr353)   |
| <b>Immunogen</b>          | Synthesized peptide derived from human RSK3 (Phospho Thr353)  |
| <b>Specificity</b>        | This antibody detects endogenous levels of Human,Mouse RSK3 (Phospho Thr353)  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source</b>             | Polyclonal, Rabbit,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.   |
| <b>Dilution</b>           | WB 1:1000-2000 ELISA 1:5000-20000   |
| <b>Concentration</b>      | 1 mg/ml   |
| <b>Purity</b>             | ≥90%  |
| <b>Storage Stability</b>  | -20°C/1 year  |
| <b>Synonyms</b>           | Ribosomal protein S6 kinase alpha-2 (S6K-alpha-2;EC 2.7.11.1;90 kDa ribosomal protein S6 kinase 2;p90-RSK 2;p90RSK2;MAP kinase-activated protein kinase 1c;MAPK-activated protein kinase 1c;MAPKAP kinase 1c;MAPKAPK-1c;Ribosomal S6 kinase 3;RSK-3;pp90RSK3)   |
| <b>Observed Band</b>      | 80kD  |
| <b>Cell Pathway</b>       | Nucleus . Cytoplasm .   |
| <b>Tissue Specificity</b> | Widely expressed with higher expression in lung, skeletal muscle, brain, uterus, ovary, thyroid and prostate.   |
| <b>Function</b>           | protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, phosphorylation,  |
| <b>Background</b>         | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by multiple phosphorylations on threonine and serine residues.,function:Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.,PTM:Autophosphorylated on Ser-377, as part of the activation process.,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 2 protein kinase domains.,subunit:Forms a complex with either ERK1 or ERK2 in quiescent cells. Transiently dissociates following mitogenic stimulation.,tissue specificity:Expressed in many tissues. Highest expression in lung and skeletal muscle.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**