



Rabbit Anti-Phospho-RSK3 (Thr353 + Thr356) antibody

SL3365R

| | |
|-------------------------------|--|
| Product Name: | Phospho-RSK3 (Thr353 + Thr356) |
| Chinese Name: | 磷酸化核糖体蛋白S6激酶家族RSK3抗体 |
| Alias: | RSK3 (Phospho T353 + T356); Phospho-RSK3 (Thr353 + Thr356); 90 kDa ribosomal protein S6 kinase 2; HU 2; KS6A2_HUMAN; MAP kinase activated protein kinase 1c; MAP kinase-activated protein kinase 1c; MAPK-activated protein kinase 1c; MAPKAP kinase 1c; MAPKAPK-1c; MAPKAPK1C; p90-RSK 2; p90RSK 2; p90RSK2; pp90RSK 3; pp90RSK3; Ribosomal protein S6 kinase alpha-2; Ribosomal S6 kinase 3; RPS6KA2; RSK 3; RSK-3; S6K alpha 2; S6K alpha; S6K-alpha-2. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Cow,Horse,Sheep,Guinea Pig, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 83kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated Synthesised phosphopeptide derived from human RSK3 around the phosphorylation site of Thr353/356:EF(p-T)AR(p-T)PT |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of |

| | |
|------------------------|--|
| | antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | <p>RSK3(Ribosomal S6 kinase 3)is a member of a family of 90-kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases that are activated in response to mitogenic stimuli, including extracellular signal-regulated protein kinases Erk1 and Erk2. Rsk3 is a distinct isoform of p90Rsk that translocates to the cell nucleus, phosphorylates potential nuclear targets and may have a unique upstream activator. Several sites, such as Ser380, Thr359, Ser363 and Thr573, are important for its activation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.</p> <p>Function: Serine/threonine-protein kinase that acts downstream ofERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenicand stress-induced activation of transcription factors, regulatestranslation, and mediates cellular proliferation, survival, anddifferentiation. May function as tumor suppressor in epithelialovarian cancer cells.</p> <p>Subunit: Forms a complex with either MAPK1/ERK2 or MAPK3/ERK1 in quiescent cells. Transiently dissociates following mitogenicstimulation.</p> <p>Subcellular Location: Nucleus. Cytoplasm.</p> <p>Tissue Specificity: Widely expressed with higher expression inlung, skeletal muscle, brain, uterus, ovary, thyroid and prostate.</p> <p>Post-translational modifications: Activated by phosphorylation at Ser-218 by PDPK1. Autophosphorylated on Ser-377, as part of the activation process. May be phosphorylated at Thr-356 and Ser-360 by MAPK1/ERK2 andMAPK3/ERK1. N-terminal myristoylation results in an activated kinase inthe absence of added growth factors.</p> <p>Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thrprotein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains.</p> <p>SWISS: Q15349</p> <p>Gene ID:</p> |

6196

Database links:

[Entrez Gene: 6196](#) Human

[Entrez Gene: 20112](#) Mouse

[Entrez Gene: 117269](#) Rat

[Omid: 601685](#) Human

[SwissProt: Q15349](#) Human

[SwissProt: Q9WUT3](#) Mouse

[Unigene: 655277](#) Human

[Unigene: 268383](#) Mouse

[Unigene: 2356](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.suningbiotech.com