

**Anti-Human/Mouse p52 S6 kinase Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04049**

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3th Edition

**Description:**RPS6KC1 (Ribosomal Protein S6 Kinase C1) is a Protein Coding gene. Among its related pathways are Nanog in Mammalian ESC Pluripotency and CNTF Signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein serine/threonine kinase activity. An important paralog of this gene is RPS6KL1. Sphingosine kinase catalyzes the formation of sphingosine 1 phosphate, a lipid cellular messenger. The protein encoded by this gene can bind to sphingosine kinase and to phosphatidylinositol 3-phosphate, suggesting a role in sphingosine 1 phosphate signaling. The encoded protein can also bind to peroxiredoxin-3 and may help transport it to mitochondria.

**Antigen:**Synthesized peptide derived from the Internal region of human p52 S6 kinase

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Highly expressed in testis, skeletal muscle, brain, heart, placenta, kidney and liver and weakly expressed in thymus, small intestine, lung and colon.