

Rabbit Anti-Phospho-MSK1 (Ser360) antibody

SL3281R

Product Name:	Phospho-MSK1 (Ser360)
Chinese Name:	磷酸化有丝分裂原和应激活化型蛋白激酶1抗体
Alias:	MSK1 (phospho S360); MSK1 (Phospho-Ser360); MSK1 (Phospho-S360); p-MSK1 (Ser360); Pp-MSK1 (S360); MSK1; RPS6KA5; 90 kDa ribosomal protein S6 kinase 5; EC 2.7.11.1; KS6A5_HUMAN; MGC1911; Mitogen and stress activated protein kinase 1; MSPK1; Nuclear Mitogen And Stress Activated Protein Kinase 1; Nuclear mitogen- and stress-activated protein kinase 1; Ribosomal protein S6 kinase 90kD polypeptide 5; Ribosomal protein S6 kinase 90kDa; Ribosomal protein S6 kinase 90kDa polypeptide 5; Ribosomal Protein S6 Kinase Alpha 5; Ribosomal protein S6 kinase alpha-5; RLPK; RSK Like Protein Kinase; RSK-like protein kinase; RSKL; S6K alpha 5; S6K-alpha-5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human, Mouse, Rat, Chicken, Dog, Cow, Rabbit,
Applications:	WB=1:500-2000ELISA=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:	90kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	lmg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human MSK1 around the phosphorylation site of Ser360:TY(p-S)PA
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

Nucleus. Cytoplasm. Note=Predominantly nuclear. Exported into cytoplasm in response to glucocorticoid. **Tissue Specificity:** Widely expressed with high levels in heart, brain and placenta. Less abundant in lung, kidney and liver. **Post-translational modifications:** Ser-376 and Thr-581 phosphorylation is required for kinase activity. Ser-376 and Ser-212 are autophosphorylated by the C-terminal kinase domain, and their phosphorylation is essential for the catalytic activity of the N-terminal kinase domain. Phosphorylated at Ser-360, Thr-581 and Thr-700 by MAPK1/ERK2, MAPK3/ERK1 and MAPK14/p38alpha. Autophosphorylated at Ser-750, Ser-752 and Ser-758 by the N-terminal kinase domain. Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains. SWISS: 075582 Gene ID: 9252 Database links: Entrez Gene: 9252 Human Entrez Gene: 73086 Mouse Entrez Gene: 314384 Rat Omim: 603607 Human SwissProt: O75582 Human SwissProt: Q8C050 Mouse Unigene: 510225 Human Unigene: 220417 Mouse Unigene: 392855 Mouse







Paraformaldehyde-fixed, paraffin embedded (Rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-MSK1 (Ser360)) Polyclonal Antibody, Unconjugated (SL3281R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.