

Rabbit Anti-phospho-RPS6KA1 (Thr348) antibody

SL5680R

Product Name:	phospho-RPS6KA1 (Thr348)
Chinese Name:	磷酸化磷酸化丝氨酸/苏氨酸激酶p90RSK蛋白抗体
Alias:	p90RSK(Phospho-Thr348); RPS6KA1(phospho T348); p90 RSK1 ; p90rsk ; p90S6K ; pp90RSK1 ; Ribosomal protein S6 kinase 90kD 1 ; Ribosomal protein S6 kinase 90kD polypeptide 1 ; Ribosomal protein S6 kinase 90kDa polypeptide 1 ; Ribosomal protein S6 kinase alpha 1 ; Ribosomal protein S6 kinase polypeptide 1 ; Ribosomal S6 kinase 1 ; RPS6K1 alpha ; rps6ka ; Rps6ka1 ; RSK 1 ; RSK 1 p90 ; RSK ; RSK1 ; S6K alpha 1 ; 90 kDa ribosomal protein S6 kinase 1 ; dJ590P13.1 (ribosomal protein S6 kinase, 90kD, polypeptide 1 ; dJ590P13.1 ; EC 2.7.11.1 ; HU 1 ; HU1 ; MAP kinase activated protein kinase 1a ; MAPKAP kinase 1A ; MAPKAPK1A ; MGC79981 ; Mitogen-activated protein kinase-activated protein kinase 1A; KS6A1_HUMAN.
Ownerstern Granden	D-11:4
Organism Species:	Rabbit
Cionality:	
React Species:	Human, Mouse, Rat, Dog, Pig, Cow,
Applications:	need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	81kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human RPS6KA1 around the phosphorylation site of Thr348:DD(p-T)FY
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

Activated by phosphorylation at Ser-221 by PDPK1. Autophosphorylated on Ser-380, as part of the activation process. May be phosphorylated at Thr-359 and Ser-363 by MAPK1/ERK2 and MAPK3/ERK1.

N-terminal myristoylation results in an activated kinase in the absence of added growth factors.

Similarity:

Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.

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Contains 1 AGC-kinase C-terminal domain. Contains 2 protein kinase domains.

SWISS: Q15418

Gene ID: 6195

Database links:

Entrez Gene: 6195Human

Entrez Gene: 20111 Mouse

Entrez Gene: 81771Rat

<u>Omim: 601684</u>Human

SwissProt: Q15418Human

SwissProt: P18653Mouse

SwissProt: Q63531Rat

Unigene: 149957Human

Unigene: 301827Mouse

Unigene: 34915Rat

Important Note:

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

p90RSK蛋白属于广泛表达的丝氨酸/苏氨酸激酶。RSK家族包括RSK1、RSK2、RSK 3和RSK4, 它们的典型特征是含有两个不同的功能性激酶结构域和羧基端ERKs(ext racellular signal-regulated kinases)结合结构域。RSK激酶结构域内外的几个位点包括Ser380、Thr359、Ser363 和Thr573的磷酸化都对RSK的激酶活性激活非常重要。





Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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-RPS6KA1(Thr348)) Polyclonal Antibody, Unconjugated (SL5680R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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-RPS6KA1(Thr348)) Polyclonal Antibody, Unconjugated (SL5680R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.