

RSK3 (Phospho Thr353) rabbit pAb

Catalog No :	YP1635
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	RSK3
Fields :	>>MAPK signaling pathway;>>Oocyte meiosis;>>mTOR signaling pathway;>>Thermogenesis;>>Long-term potentiation;>>Neurotrophin signaling pathway;>>Progesterone-mediated oocyte maturation;>>Insulin resistance;>>Yersinia infection;>>Chemical carcinogenesis - receptor activation
Gene Name :	RPS6KA2 MAPKAPK1C RSK3
Protein Name :	RSK3 (Phospho Thr353)
Human Gene Id :	6196
Human Swiss Prot No :	Q15349
Mouse Gene Id :	20112
Mouse Swiss Prot No :	Q9WUT3
Immunogen :	Synthesized peptide derived from human RSK3 (Phospho Thr353)
Specificity :	This antibody detects endogenous levels of Human,Mouse RSK3 (Phospho Thr353)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 80kD

Background : 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.,

Function : protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, phosphorylation,

Subcellular Location : Nucleus . Cytoplasm .

Expression : Widely expressed with higher expression in lung, skeletal muscle, brain, uterus, ovary, thyroid and prostate.

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