

**RSK3 (Phospho Thr353) rabbit pAb**

<b>Catalog No :</b>	YP1635
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	RSK3
<b>Fields :</b>	>>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
<b>Gene Name :</b>	RPS6KA2 MAPKAPK1C RSK3
<b>Protein Name :</b>	RSK3 (Phospho Thr353)
<b>Human Gene Id :</b>	6196
<b>Human Swiss Prot No :</b>	Q15349
<b>Mouse Gene Id :</b>	20112
<b>Mouse Swiss Prot No :</b>	Q9WUT3
<b>Immunogen :</b>	Synthesized peptide derived from human RSK3 (Phospho Thr353)
<b>Specificity :</b>	This antibody detects endogenous levels of Human,Mouse RSK3 (Phospho Thr353)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	80kD
<b>Background :</b>	<p>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.,</p>
<b>Function :</b>	<p>protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, phosphorylation,</p>
<b>Subcellular Location :</b>	<p>Nucleus . Cytoplasm .</p>
<b>Expression :</b>	<p>Widely expressed with higher expression in lung, skeletal muscle, brain, uterus, ovary, thyroid and prostate.</p>

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