



RSK3 (Phospho Thr353) rabbit pAb

Cat No.:ES20217

For research use only

Overview

Product Name	RSK3 (Phospho Thr353) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
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.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	RSK3 (Phospho Thr353)
Gene Name	RPS6KA2 MAPKAPK1C RSK3
Cellular localization	Nucleus . Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	80kD
Human Gene ID	6196
Human Swiss-Prot Number	Q15349
Alternative Names	Ribosomal protein S6 kinase alpha-2 (S6K-alpha-2;EC 2.7.11.1;90 kDa ribosomal protein S6 kinase 2;p90-RSK 2;p90RSK2;MAP kinase-activated protein kinase 1c;MAPK-activated protein kinase 1c;MAPKAP kinase 1c;MAPKAPK-1c;Ribosomal S6 kinase 3;RSK-3;pp90RSK3)
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.,

