Revision 1		
Phospho-RSK3 (Thr356/Ser360) Antibody	C C	ell Signaling
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com
	Support:	877-678-TECH (8324)
#9348	Web:	info@cellsignal.com cellsignal.com
#	3 Trask Lane Danvers Mas	sachusetts 01923 USA
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corresponding to residues surrounding Thr356/Ser360 of human RSK3. Antibodies are p Background The 90 kDa ribosomal S6 kinases (RSK1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (RSK1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (RSK1-3) are important for kinase (RSK1-3) services (RSK1-3), are important for kinase (RSK1-3) are activated via coordinated phosphorylation by MAPKs, autophosphorylation, i phosphoinositide-3-OH kinase (PI3K) in response to many growth factors, polypeptide h neurotransmitters (3), crazy Background References 1. Fisher, T.L. and Blenis, J. (1996) Mol Cell Biol 16, 1212-9. 2. Smith, J.A. et al. (1999) Biol Chem 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., west TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Bloting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represe the following terms apply to Products provided by CST, its affiliates or its	pplications: W, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 90	Source/Isotype: Rabbit	UniProt ID: #P51812, #Q15349, #Q15418	Entrez-Gene Id 6197, 6196, 619		
20°C. Do not aliquot the antibody. Specificity/Sensitivity Phospho-RSK3 (Thr356/Ser360) Antibody detects endogenous levels of RSK3 only when j at threonine 356 and serine 360. The antibody does not recognize RSK3 phosphorylated It shows some cross-reactivity with RSK1 and RSK2 when phosphorylated at the homolog Polyclonal antibodies are produced by immunizing animals with a synthetic phosphore corresponding to residues surrounding Thr356/Ser360 of human RSK3. Antibodies are p protein A and peptide affinity chromatography. Background The 90 kDa ribosomal 56 kinases (RSK1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domain, in cluding Ser363, and Thr573, are important for kinase a CRSK1-3 are activated via coordinated phosphorylation by MAPks, autophosphorylation, a phosphoinositide-3-OH kinase (PI3K) in response to many growth factors, polypeptide h neurotransmitters (3), crazy Background References 1. Fisher, TL, and Blenis, J. (1996) <i>Mol Cell Biol</i> 16, 1212-9. 2. Smith, JA, et al. (1999) <i>J Biol Chem</i> 274, 289-38. 3. Dalby, K.N. et al. (1998) <i>J Biol Chem</i> 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., wes TBS, 0.1% Tween® 20 at 4°C with gentie shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Clel Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tra more information. Limited Uses Exce	roduct Usage formation	,	Western Blotting			1:1000			
at threonine 356 and serine 360. The antibody does not recognize R5K3 phosphorylated It shows some cross-reactivity with R5K1 and R5K2 when phosphorylated at the homolor Source / Purification Polyclonal antibodies are produced by immunizing animals with a synthetic phosphoper corresponding to residues surrounding Thr356/Ser360 of human R5K3. Antibodies are p protein A and peptide affinity chromatography. Background The 90 kDa ribosomal 56 kinases (R5K1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (R5K1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (R5K1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (R5K1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase (R5K1-3) are important for kinase a R5K1-3 are activated via coordinated phosphorylation by MAPKs, autophosphorylation & retracellular signal-regulated kinases (R5K1-4) are a family of widely expressed Ser/Thr kinas coordinated phosphorylation by MAPKs, autophosphorylation & restriction Background References 1. Fisher, T.L. and Blenis, J. (1996) Mol Cell Biol 16, 1212-9. 2. Smith, J.A. et al. (1999) J Biol Chem 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., wes TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunopr	orage), 150 mM NaCl, 100 μ	g/ml BSA and 50% glyo	cerol. Store at –		
 corresponding to residues surrounding Th 7360/Ser 360 of human RSK3. Antibodies are p protein A and peptide affinity chromatography. Background The 90 kDa ribosomal S6 kinases (RSK1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (RSK1-3) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (RSK1-3) are important for kinase (RSK1-4) are a family of widely expressed Ser/Thr kinas characterized by two nonidentical, functional kinase (DRS), are important for kinase (RSK1-3) are activated via coordinated phosphorylation by MAPKs, autophosphorylation, a phosphoinositide-3-OH kinase (PI3K) in response to many growth factors, polypeptide h neurotransmitters (3), crazy Background References Fisher, T.L. and Blenis, J. (1996) <i>Mol Cell Biol</i> 16, 1212-9. Simit, J.A. et al. (1999) <i>J Biol Chem</i> 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., west TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represe the following terms apply to Products provided by CST, its affiliates or its distributors	pecificity/Sens	-	at threonine 356 and	serine 360. The anti	erine 360. The antibody does not recognize RSK3 phosphorylated at other sites.				
characterized by two nonidentical, functional kinase domains (1) and a carboxy-terminal for extracellular signal-regulated kinases (ERKs) (2). Several sites both within and outside kinase domain, including Ser380, Thr359, Ser363, and Thr573, are important for kinase (2). Several sites both within and outside kinase domain, including Ser380, Thr359, Ser363, and Thr573, are important for kinase (ERKs) (2). Several sites both within and outside kinase domain, including Ser380, Thr359, Ser363, and Thr573, are important for kinase (ERKs) (2). Several sites both within and outside kinase domain, including Ser380, Thr359, Ser363, and Thr573, are important for kinase (ERKs) (2). Several sites both within and outside kinase (data (1999)) site (1996) Mol Cell Biol 16, 1212-9. Background References 1. Fisher, T.L. and Blenis, J. (1996) Mol Cell Biol 16, 1212-9. 2. Smith, J.A. et al. (1999) J Biol Chem 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., west TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represent the following terms apply to Products provided by CST, its affiliates or its distributors. Ar terms and conditions that are in additio	ource / Purifica	(corresponding to resi	onding to residues surrounding Thr356/Ser360 of human RSK3. Antibodies are purified by					
2. Smith, J.A. et al. (1999) J Biol Chem 274, 2893-8. 3. Dalby, K.N. et al. (1998) J Biol Chem 273, 1496-505. Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., west TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represe the following terms apply to Products provided by CST, its affiliates or its distributors. Ar terms and conditions that are in addition to, or different from, those contained herein, u separately accepted in writing by a legally authorized represent to conditions that are in addition to, or different from, those contained herein, u separately accepted in writing by a legally authorized represent to core or effect. Products are labeled with For Research Use Only or a similar labeling statement and hav approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, any manner that conflicts with its labeling statement. Products sold or licensed by CST a Customer as the end-user and solely for research and development uses. Any use of Pro	ackground		characterized by two i for extracellular signa kinase domain, includ RSK1-3 are activated v phosphoinositide-3-O	nonidentical, functic al-regulated kinases ling Ser380, Thr359, via coordinated phos PH kinase (PI3K) in re	onal kinase domains (1 (ERKs) (2). Several site Ser363, and Thr573, a sphorylation by MAPK	l) and a carboxy-termir s both within and outs are important for kinas s, autophosphorylatior	hal docking site ide of the RSK e activation (3). h, and		
Western Blot Buffer IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represe the following terms apply to Products provided by CST, its affiliates or its distributors. An terms and conditions that are in addition to, or different from, those contained herein, useparately accepted in writing by a legally authorized representative of CST, are rejected force or effect. Products are labeled with For Research Use Only or a similar labeling statement and hav approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, any manner that conflicts with its labeling statement. Products sold or licensed by CST	ackground Ref	:	2. Smith, J.A. et al. (19	99) J Biol Chem 274,	2893-8.				
TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. Applications Key W: Western Blotting IP: Immunoprecipitation Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. All other trademarks are the property of their respective owners. Visit cellsignal.com/tramore information. Limited Uses Except as otherwise expressly agreed in a writing signed by a legally authorized represe the following terms apply to Products provided by CST, its affiliates or its distributors. An terms and conditions that are in addition to, or different from, those contained herein, u separately accepted in writing by a legally authorized representative of CST, are rejected force or effect. Products are labeled with For Research Use Only or a similar labeling statement and hav approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, any manner that conflicts with its labeling statement. Products sold or licensed by CST a Customer as the end-user and solely for research and development uses. Any use of Pro	oecies Reactivi	y :	Species reactivity is de	etermined by testing	g in at least one appro	ved application (e.g., w	vestern blot).		
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