OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA326338

RSK1 p90 (RPS6KA1) Rabbit Polyclonal Antibody [Clone ID: N/A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	N/A
Applications:	WB
Recommended Dilution:	WB: 1ug/ml
Reactivity:	Human, Mouse, Rat, Bovine
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Human p90 RSK1 C-terminal peptide, conjugated to KLH
Formulation:	TBS, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ribosomal protein S6 kinase A1
Database Link:	NP_002944 Entrez Gene 20111 MouseEntrez Gene 81771 RatEntrez Gene 6195 Human Q15418
Background:	The p90 ribosomal S6 kinase (Rsk) family comprises four mammalian serine/threonine kinases (Rsk14). In the past, S6K1 and S6K2 were thought to be the predominant operating S6 kinases, however RSK 1 and 2 have been shown to phosphorylate S6 in response to the ERK pathway, or otherwise known as the extra cellular signal-regulated kinases pathway. RSK 1 in particular is very multifunctional as it participates in nuclear signaling, regulates nuclear factors, regulates several transcription factors like c-Fos, and interacts with the transcriptional coactivator CREB-binding protein. As a result, RSK1 seems to have an important role in cellular growth control and proliferation. .
Synonyms:	HU-1; MAPKAPK1A; p90Rsk; RSK; RSK1

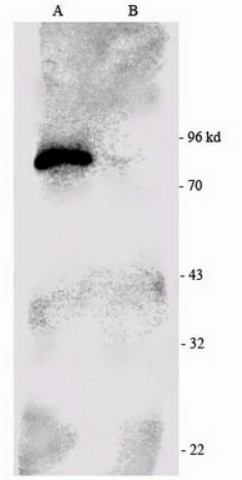
View online »

Note: Detects a ~90kDa protein corresponding to the molecular mass of p90 RSK1 on SDS PAGE immunoblots.

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Long-term potentiation, MAPK signaling pathway, mTOR signaling pathway, Neurotrophin signaling pathway, Oocyte meiosis, Progesterone-mediated oocyte maturation

Product images:



Western blot analysis of P90 RSK1 immuno-precipitated from the mouse brain extract (right) and using RSK1-HRP as a probe. Immuno-precipitated negative control (left).