

Product datasheet for TA381120S

RSK1 p90 (RPS6KA1) Rabbit Polyclonal Antibody

Product data:

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

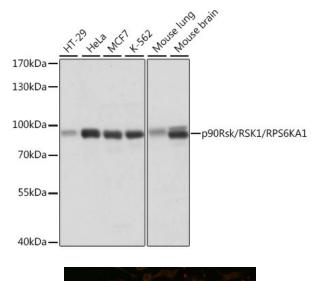
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:100 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 600 to the C-terminus of human p90Rsk/RSK1/RPS6KA1 (NP_002944.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	72kDa/81kDa/82kDa/83kDa
Gene Name:	ribosomal protein S6 kinase A1
Database Link:	<u>Entrez Gene 6195 Human</u> <u>Q15418</u>
Background:	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US Synonyms:

HU-1; MAPKAPK1A; p90S6K; pp90RSK1; RSK; RSK-1; RSK1

Product images:

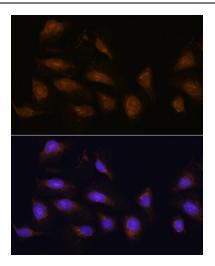


Western blot analysis of extracts of various cell lines, using p90Rsk/RSK1/RPS6KA1 antibody ([TA381120]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 1s.

Immunofluorescence analysis of L929 cells using RPS6KA1 antibody ([TA381120]) at dilution of 1:100. Blue: DAPI for nuclear staining.

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Immunofluorescence analysis of U-2 OS cells using RPS6KA1 antibody ([TA381120]) at dilution of 1:100. Blue: DAPI for nuclear staining.

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