

Product datasheet for TA381133

S6K1 (RPS6KB1) Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

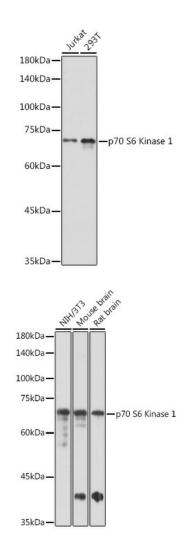
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human P70 S6K
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:	59kDa
Gene Name:	ribosomal protein S6 kinase B1
Database Link:	<u>Entrez Gene 6198 Human</u> <u>P23443</u>
Background:	This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N- termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17.
Synonyms:	p70(S6K)-alpha; p70-alpha; p70-S6K; P70S6K; PS6K; S6K; S6K1; STK14A



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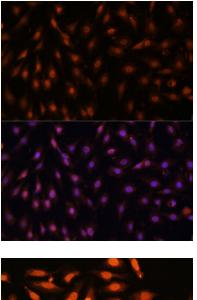
Product images:



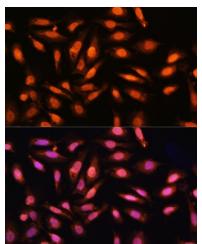
Western blot analysis of extracts of various cell lines, using p70 S6 Kinase 1 1 antibody (TA381133) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit . |Exposure time: 1s.

Western blot analysis of extracts of various cell lines, using p70 S6 Kinase 1 1 antibody (TA381133) 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: 10s.

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Immunofluorescence analysis of C6 cells using p70 S6 Kinase 1 1 antibody (TA381133) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using p70 S6 Kinase 1 1 antibody (TA381133) at dilution of 1:100. Blue: DAPI for nuclear staining.

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