

Product datasheet for **TA381133**

S6K1 (RPS6KB1) Rabbit Polyclonal Antibody

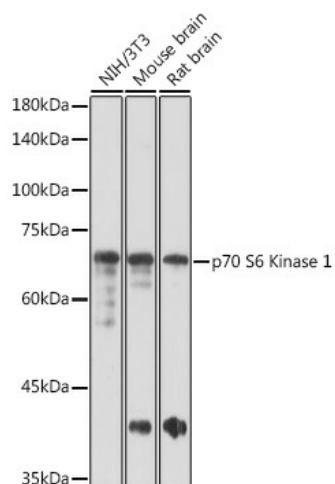
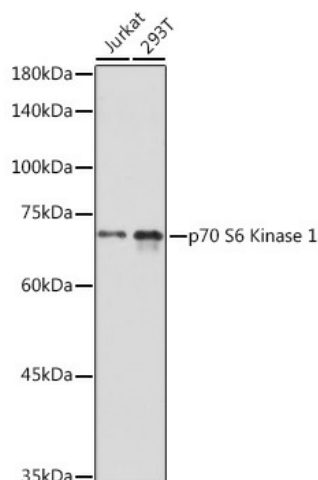
Product data:

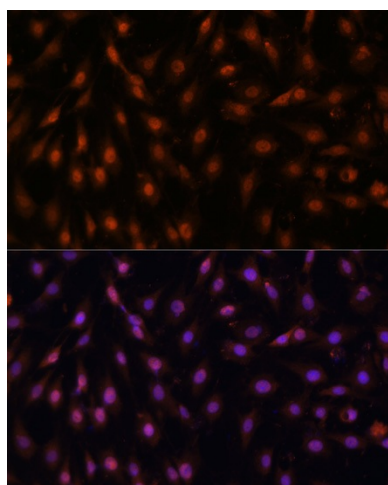
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human P70 S6K
Formulation:	Buffer: PBS with 0.02% sodium 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:	Entrez Gene 6198 Human P23443
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



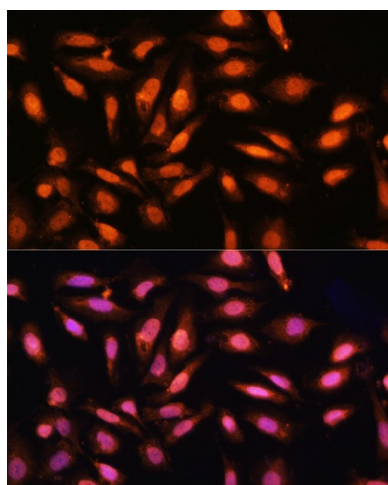
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Product images:





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.