

P70 S6K Polyclonal Antibody

Catalog No: #29958



Package Size: #29958-1 50ul #29958-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

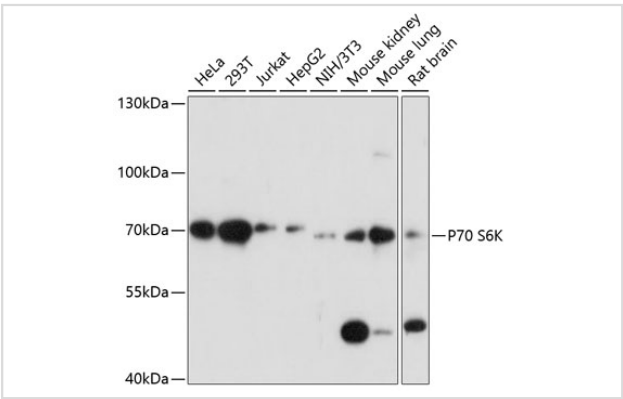
Description

Product Name	P70 S6K Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human P70 S6K
Other Names	RPS6KB1; PS6K; S6K; S6K-beta-1; S6K1; STK14A; p70 S6KA; p70(S6K)-alpha; p70-S6K; p70-alpha; ribosomal protein S6 kinase B1
Accession No.	Swiss-Prot#:P23443NCBI Gene ID:6198
Uniprot	P23443
GeneID	6198;
Calculated MW	70kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

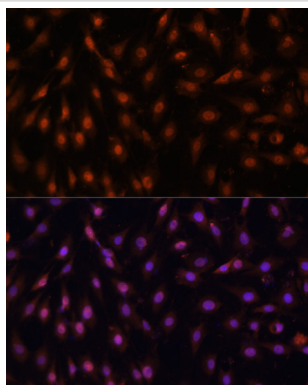
Application Details

WB1:500 - 1:2000IHC1:50 - 1:100IF1:50 - 1:100

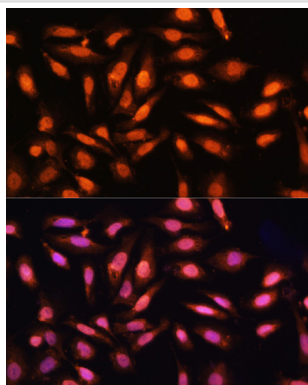
Images



Western blot analysis of extracts of various cell lines, using P70 S6K at 1:1000 dilution.



Immunofluorescence analysis of C6 cells using P70 S6K at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using P70 S6K at dilution of 1:100. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only