

P70 S6K Polyclonal Antibody

Catalog No: #29928



Package Size: #29928-1 50ul #29928-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

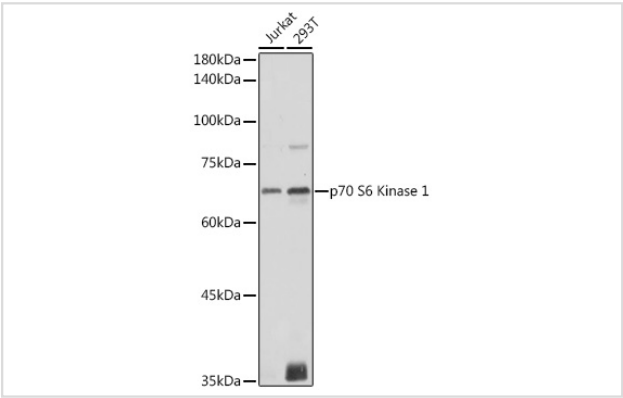
Description

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 fusion protein of human P70 S6K (NP_003152.1).
Other Names	PS6K;S6K;S6K-beta-1;S6K1;STK14A;p70 S6KA;p70(S6K)-alpha;p70-S6K;p70-alpha;P70 S6K;RPS6KB1;p70S6KA
Accession No.	Uniprot:P23443GenelD:6198
Uniprot	P23443
GenelD	6198
Calculated MW	70kDa
SDS-PAGE MW	70KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

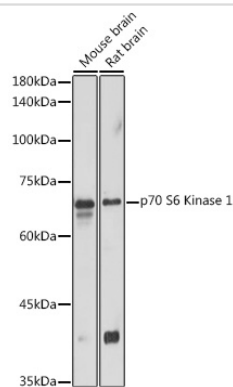
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

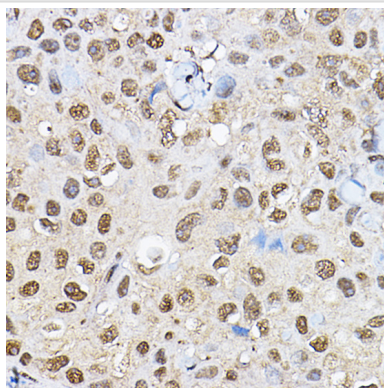
Images



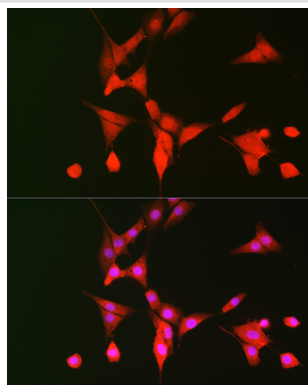
Western blot analysis of extracts of various cell lines, using p70 S6 Kinase 1 1 antibody.



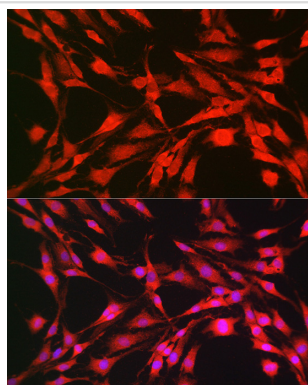
Western blot analysis of extracts of various cell lines, using p70 S6 Kinase 1 1 antibody.



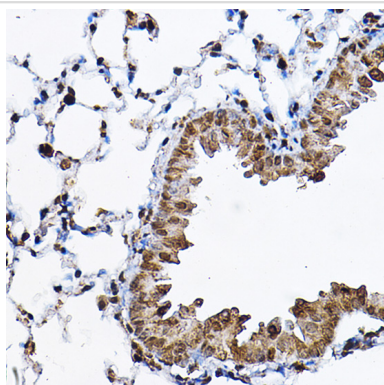
Immunohistochemistry of paraffin-embedded human breast cancer using p70 S6 Kinase 1 1 Rabbit pAb.



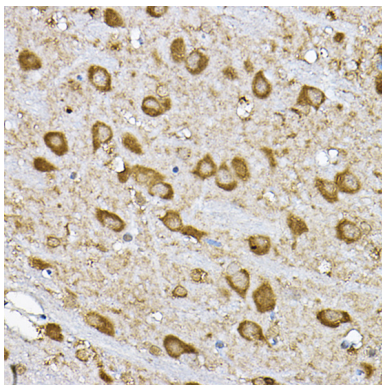
Immunofluorescence analysis of NIH/3T3 cells using p70 S6 Kinase 1 Rabbit pAb.



Immunofluorescence analysis of C6 cells using p70 S6 Kinase 1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse lung using p70 S6 Kinase 1 1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat brain using p70 S6 Kinase 1 1 Rabbit pAb.

## 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