

VRK1 Rabbit Polyclonal Antibody

Catalog No: #55312



Package Size: #55312-1 50ul #55312-2 100ul

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

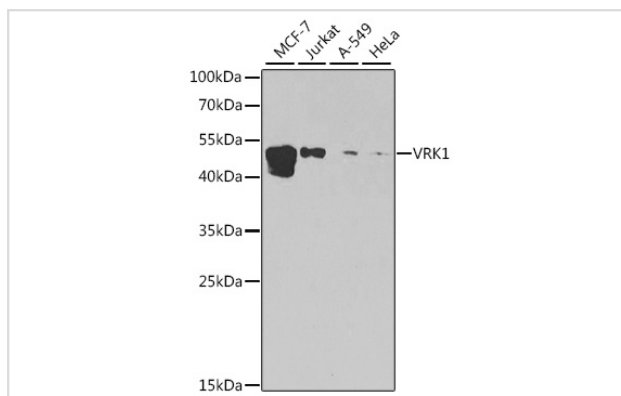
Description

Product Name	VRK1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human VRK1 (NP_003375.1).
Other Names	VRK1;PCH1;PCH1A
Accession No.	Swiss Prot:Q99986GeneID:7443
Calculated MW	45kDa
SDS-PAGE MW	45kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

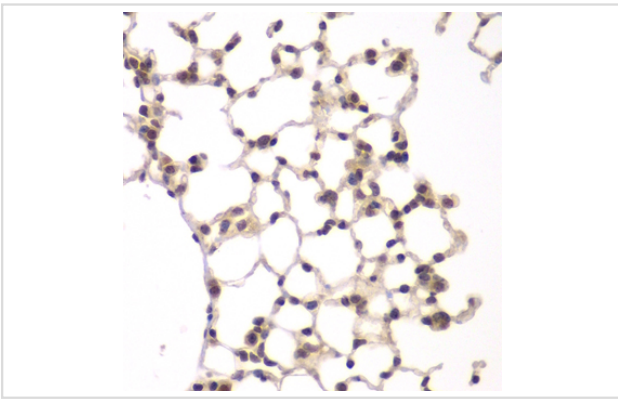
Application Details

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

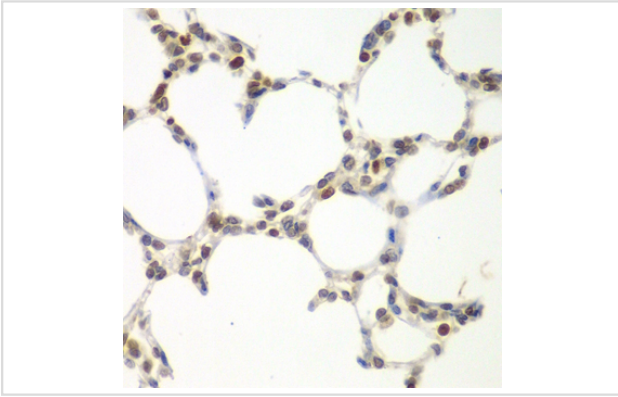
Images



Western blot analysis of extracts of various cell lines, using VRK1 at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded rat lung using VRK1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using VRK1 at dilution of 1:100 (40x lens).

Background

This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. This gene is widely expressed in human tissues and has increased expression in actively dividing cells, such as those in testis, thymus, fetal liver, and carcinomas. Its protein localizes to the nucleus and has been shown to promote the stability and nuclear accumulation of a transcriptionally active p53 molecule and, in vitro, to phosphorylate Thr18 of p53 and reduce p53 ubiquitination. This gene, therefore, may regulate cell proliferation. This protein also phosphorylates histone, casein, and the transcription factors ATF2 (activating transcription factor 2) and c-JUN.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.