

VRK1 Antibody

Catalog No: #43595



Package Size: #43595-1 50ul #43595-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

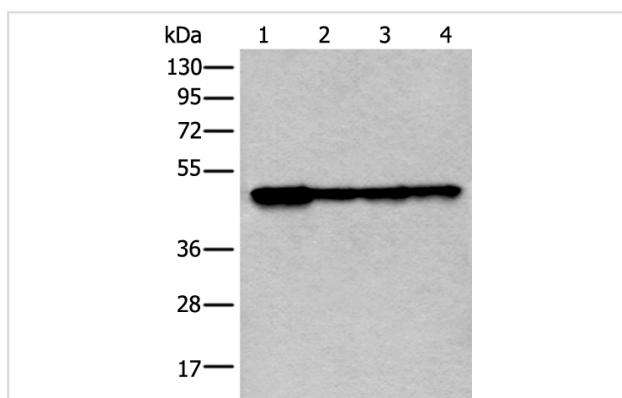
Product Name	VRK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VRK1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human VRK1
Target Name	VRK1
Other Names	PCH1; PCH1A
Accession No.	Swiss-Prot#: Q99986NCBI Gene ID: 7443
Calculated MW	45kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1000

Immunohistochemistry: 1: 20-100

Images



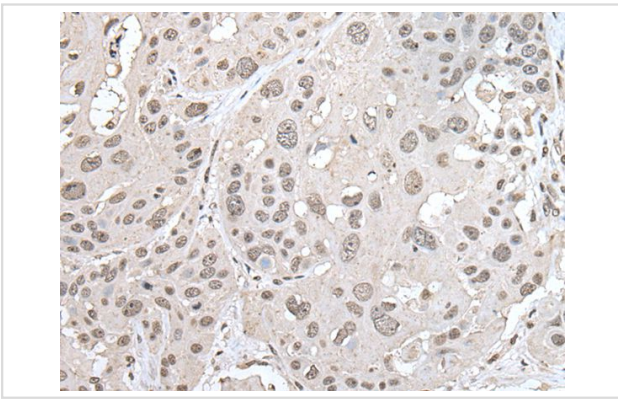
Gel: 8%SDS-PAGE

Lysate: 40 µg, Lane 1-4: Jurakt, HeLa, 293T and 231 cell lysates,

Primary antibody: VRK1 antibody at dilution 1/400,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 5 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using VRK1 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

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.