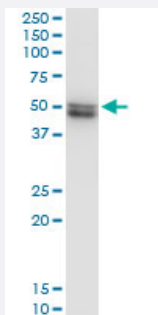


VRK1 (Human) IP-WB Antibody Pair

Catalog # H00007443-PW2

Size 1 Set

Applications



Immunoprecipitation of VRK1 transfected lysate using mouse monoclonal anti-VRK1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse monoclonal anti-VRK1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of VRK1 transfected lysate using mouse monoclonal anti-VRK1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse monoclonal anti-VRK1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-VRK1 (300 ug) 2. Antibody pair for WB: mouse monoclonal anti-VRK1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — VRK1

Entrez GeneID [7443](#)**Gene Name** VRK1**Gene Alias** MGC117401, MGC138280, MGC142070**Gene Description** vaccinia related kinase 1**Omim ID** [602168](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations vaccinia virus B1R-related kinase 1|vaccinia-related kinase-1