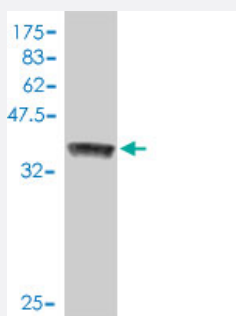


VRK1 polyclonal antibody (A01)

Catalog # H00007443-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant VRK1.
Immunogen	VRK1 (NP_003375, 287 a.a. ~ 396 a.a) partial recombinant protein with GST tag.
Sequence	DKCFPEKNKPGEIAKYMETVKLLDYTEKPLYENLRDILLQGLKAIGSKDDGKLDLSVVENGGLKAK TITKKRKKEIEESKEPGVEDTEWSNTQTEEAIQTRSRTKRVRQK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — VRK1

Entrez GeneID [7443](#)

GeneBank Accession# [NM_003384](#)

Protein Accession# [NP_003375](#)

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