
Product Name: VRK3 Rabbit Polyclonal Antibody**Catalog #: APRab19842**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	53kDa

Antigen Information

Gene Name	VRK3
Alternative Names	VRK3; Inactive serine/threonine-protein kinase VRK3; Serine/threonine-protein pseudokinase VRK3; Vaccinia-related kinase 3
Gene ID	51231.0
SwissProt ID	Q8IV63
Immunogen	Synthesized peptide derived from the Internal region of human VRK3.

Background

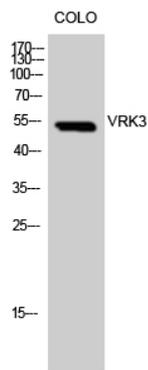
vaccinia related kinase 3(VRK3) Homo sapiens This gene encodes a member of the vaccinia-related kinase (VRK) family of

serine/threonine protein kinases. In both human and mouse, this gene has substitutions at several residues within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. This gene is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Probable serine/threonine kinase.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. VRK subfamily.,similarity:Contains 1 protein kinase domain.,

Research Area

Signal Transduction; Protein Phosphorylation; Ser / Thr Kinases; MAPK Pathway

Image Data



Western Blot analysis of COLO cells using VRK3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000.