
Product Name: VRK2 Rabbit Polyclonal Antibody**Catalog #: APRab19841**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,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 1:10000-1:20000
Molecular Weight	55kDa

Antigen Information

Gene Name	VRK2
Alternative Names	VRK2; Serine/threonine-protein kinase VRK2; Vaccinia-related kinase 2
Gene ID	7444.0
SwissProt ID	Q86Y07
Immunogen	The antiserum was produced against synthesized peptide derived from human VRK2. AA range:171-220

Background

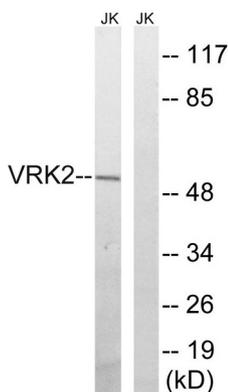
vaccinia related kinase 2(VRK2) Homo sapiens This gene encodes a member of the vaccinia-related kinase (VRK) family of

serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity. [provided by RefSeq, Jan 2014], 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., tissue specificity: Widely expressed. Highly expressed in fetal liver, skeletal muscle, pancreas, heart, peripheral blood leukocytes and testis.,

Research Area

Signal Transduction; Protein Phosphorylation; Ser / Thr Kinases; Other Kinases

Image Data



Western blot analysis of lysates from Jurkat cells, using VRK2 Antibody. The lane on the right is blocked with the synthesized peptide.