

VRK3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09557
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human VRK3.
Mol wt	52881
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	VRK3 Antibody
Synonyms	VRK3; Inactive serine/threonine-protein kinase VRK3; Serine/threonine-protein pseudokinase VRK3; Vaccinia-related kinase 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

VRK3 (vaccinia related kinase 3) encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. In both human and mouse, VRK3 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. VRK3 is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing results in multiple transcripts encoding different isoforms.

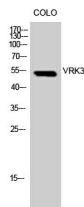
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year