

Anti-VRK1 antibody



Catalog Number: 100175

Product name

Anti-VRK1 antibody

Immunogen

[Human VRK1 \(His & GST Tag\) recombinant protein](#)

Specificity

Human VRK1

Antibody description

Rabbit polyclonal to VRK1

Preparation

Produced in rabbits immunized with purified, recombinant Human VRK1 (rh VRK1; Q99986; Met1-Lys396). VRK1 specific IgG was purified by Human VRK1 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

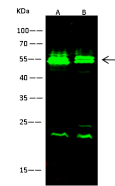
WB: 5-10 µg/ml

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human VRK1. The detection limit for Human VRK1 is < 0.039 ng/well.

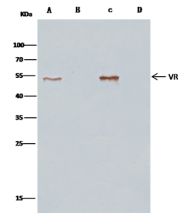
IP: 1-4 µg/mg of lysate

Validations



Lanes	A	B
Items		
Sample (whole cell lysate)	293T	HeLa
Sample Volume (µg/lane)	30	30
Gel	13% SDS-PAGE reducing gel	
Recommended Concentration	5-10 µg/ml	
Secondary Antibody	DyLight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.	
Developed using Odyssey imaging system.		
Explanation	Predicted band size - 45 kDa Observed band size - 54 kDa Additional bands at - 23 kDa and 24 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).	

VRK1 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



Lanes	A	B	C	D
Items				
Sample (whole cell lysate)	HeLa		293T	
Sample quantity	0.5 mg			
IP antibody type	HG3C-VRK1-RP02	Rabbit blank IgG	HG3C-VRK1-RP02	Rabbit blank IgG
IP antibody quantity	2 µg			
Protein G agarose	15 µl of 50% Protein G Agarose			
Gel	13% SDS-PAGE reducing gel			
Primary antibody	HG3C-VRK1B antibody at 10 µg/ml			
Secondary antibody	Clean-Blot IP Detection Reagent (HRP); at 1:1000 dilution.			

VRK1 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation