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## Datasheet for ABIN872861 **anti-VRK1 antibody (AA 132-230)**

### Overview

Quantity:	100 µL
Target:	VRK1
Binding Specificity:	AA 132-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VRK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VRK1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	VRK1
Alternative Name:	VRK1 ( <a href="#">VRK1 Products</a> )

## Target Details

Background:	<p>Synonyms: PCH1, Serine/threonine protein kinase VRK1, Serine/threonine-protein kinase VRK1, Vaccinia related kinase 1, Vaccinia virus B1R related kinase 1, Vaccinia-related kinase 1, VRK1, VRK1_HUMAN, MGC117401, MGC138280, MGC142070</p> <p>Background: 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.</p>
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Gene ID:	7443
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months