

Datasheet for ABIN5012454

anti-VRK1 antibody (AA 132-230) (AbBy Fluor® 750)



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Overview

Quantity:	100 µL
Target:	VRK1
Binding Specificity:	AA 132-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VRK1 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (VRK1 Products)
Background:	Synonyms: PCH1, Serine/threonine protein kinase VRK1, Serine/threonine-protein kinase VRK1,

Target Details

Vaccinia related kinase 1, Vaccinia virus B1R related kinase 1, Vaccinia-related kinase 1, VRK1, VRK1_HUMAN, MGC117401, MGC138280, MGC142070

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.

Gene ID: 7443

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months