

Rabbit anti-Human VRK1 Polyclonal Antibody | anti-VRK1 antibody

VRK1 Antibody

CATALOG # AAA231252	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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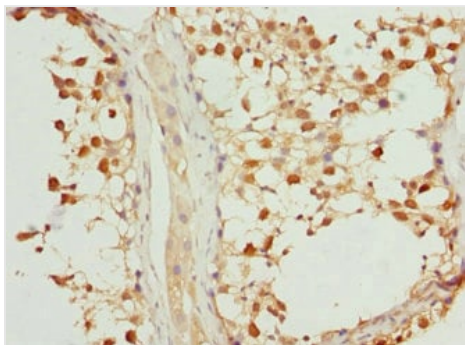
PRODUCT SYNONYMS

VRK1; Polyclonal Antibody; VRK1 Antibody; Serine/threonine-protein kinase VRK1; Vaccinia-related kinase 1; anti-VRK1 antibody

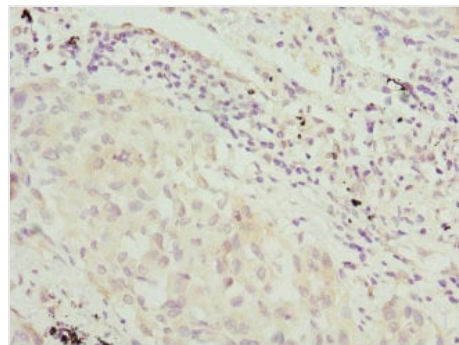
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	396
Applicable Applications for anti-VRK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Serine/threonine-protein kinase VRK1 protein (C-140AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15238 / sc-15239
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

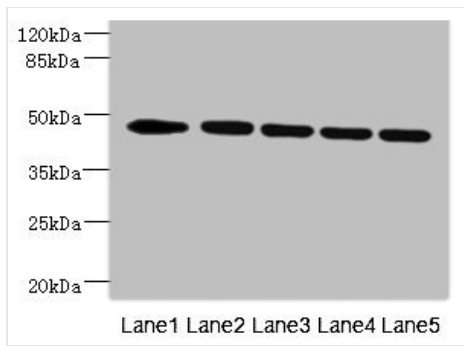
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231252 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA231252 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: DCXR antibody at 4.74ug/mlLane 1: MCF7 whole cell lysateLane 2: Hela whole cell lysateLane 3: A549 whole cell lysateLane 4: 293T whole cell lysateGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 45 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-VRK1 antibody

Serine/threonine kinase involved in Golgi disassembly during the cell cycle: following phosphorylation by PLK3 during mitosis, required to induce Golgi fragmentation. Acts by mediating phosphorylation of downstream target protein. Phosphorylates 'Thr-18' of p53/TP53 and may thereby prevent the interaction between p53/TP53 and MDM2. Phosphorylates casein and histone H3. Phosphorylates BANF1: disrupts its ability to bind DNA, reduces its binding to LEM domain-containing proteins and causes its relocalization from the nucleus to the cytoplasm. Phosphorylates ATF2 which activates its transcriptional activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507903
NCBI GeneID	7443
NCBI Accession #	NP_003375.1
NCBI GenBank Nucleotide #	NM_003384.2
UniProt Accession #	Q99986; Q3SYL2
Molecular Weight	45,476 Da
NCBI Official Full Name	serine/threonine-protein kinase VRK1
NCBI Official Synonym Full Names	vaccinia related kinase 1
NCBI Official Symbol	VRK1
NCBI Official Synonym Symbols	PCH1; PCH1A
NCBI Protein Information	serine/threonine-protein kinase VRK1
UniProt Protein Name	Serine/threonine-protein kinase VRK1
UniProt Gene Name	VRK1
UniProt Entry Name	VRK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vrk1-antibody-immunohistochemistry-western-blot-elisa/231252>