

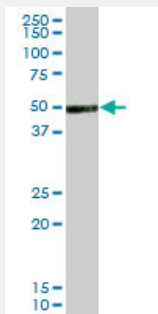
MaxPab®

VRK1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007443-B01P

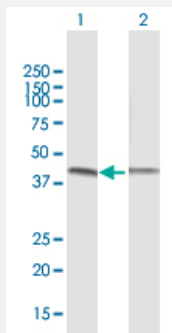
Size 50 ug

Applications



Western Blot (Tissue lysate)

VRK1 MaxPab polyclonal antibody. Western Blot analysis of VRK1 expression in human pancreas.

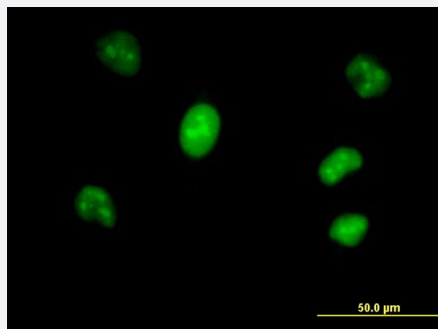


Western Blot (Transfected lysate)

Western Blot analysis of VRK1 expression in transfected 293T cell line ([H00007443-T01](#)) by VRK1 MaxPab polyclonal antibody.

Lane 1: VRK1 transfected lysate(43.56 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to VRK1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human VRK1 protein.

Immunogen	VRK1 (NP_003375.1, 1 a.a. ~ 396 a.a) full-length human protein.
Sequence	MPRVKAAQAGRQSSAKRHLAEQFAVGEIITDMAKKEWKVGLPIGQGGFGCMLADMNSSESVGS DAPCVVKVEPSDNGPLFTELKFYQRAAKPEQIQKWIRTRKLKYLGVPKYWGSGLHDKNGKSYRF MIMDRFGSDLQKIYEANAKRFSRKTVLQLSLRILDILEYIHEHEYVHGDIKASNLLLNYKNPDQVYLVD YGLAYRYCPEGVHKEYKEDPKRCHDGTIEFTSIDAHNGVAPSRRGDLEILGYCMIQWLTGHLPWE DNLKDPKYVRDSKIRYRENIASLMDKCFPEKNKPGEIAKYMETVKLLDYTEKPLYENLRDILLQGLK AIGSKDDGKLDLSVVENGGLKAKTITKKRKKEIEESKEPGVEDTEWSNTQTEEAIQTRSRTKRVRQ K
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

VRK1 MaxPab polyclonal antibody. Western Blot analysis of VRK1 expression in human pancreas.

[Protocol Download](#)

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Western Blot analysis of VRK1 expression in transfected 293T cell line ([H00007443-T01](#)) by VRK1 MaxPab polyclonal antibody.

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to VRK1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — VRK1

Entrez GeneID	7443
GeneBank Accession#	NM_003384.2
Protein Accession#	NP_003375.1

Gene Name	VRK1
Gene Alias	MGC117401, MGC138280, MGC142070
Gene Description	vaccinia related kinase 1
Omim ID	602168
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	vaccinia virus B1R-related kinase 1 vaccinia-related kinase-1