

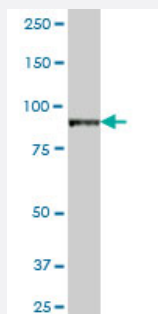
MaxPab®

VAC14 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055697-B01P

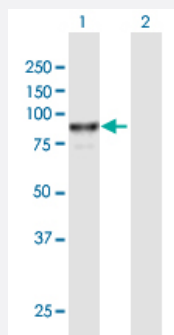
Size 50 ug

Applications



Western Blot (Tissue lysate)

VAC14 MaxPab polyclonal antibody. Western Blot analysis of VAC14 expression in human liver.

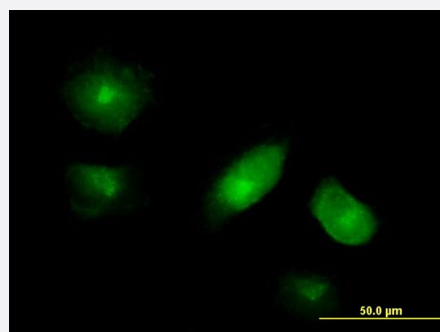


Western Blot (Transfected lysate)

Western Blot analysis of VAC14 expression in transfected 293T cell line ([H00055697-T01](#)) by VAC14 MaxPab polyclonal antibody.

Lane 1: VAC14 transfected lysate(86.02 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to VAC14 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human VAC14 protein.

Immunogen	VAC14 (NP_060522.3, 1 a.a. ~ 782 a.a) full-length human protein.
Sequence	MNPEKDFAPLTPNIVRALNDKLYEKRKVAALEIEKLVREFVAQNNTVQIKHVIQTLSQEFALSQHPH SRKGGGLIGLAACSIAGKDSGLYLKELIEPVLTCFNDADSRLRYACEALYNVQVARGAVLPHFNV LFDGLSKLAADPDPNVKSGSELLDRLLKDMTESNKFIDLVSFIPLLRRERYSNQYARQFIISWILVLE SVPDINLLDYLPEILDGLFQILGDNGKEIRKMCEVVLGEFLKEIKNPSSVKFAEMANILVIHCQTTD DLIQLTAMCWMREFIQLAGRVMLPYSSGILTAVLPCLAYDDRKSSIKEVANVCNQSLMKLVTPEDD ELDELRPGQRQAEPD DALPKQEGTASGGPDGSCDSSFSSGISVFTAASTERAPVTLHLDGIV QVLNCHLSDTAIGMMTRIAVLKWLHYLYIKTPRKMFRHTDSLFPILLQTLSDDESDEVILKDLEVLAIEA SSPAGQTDDPGPLDGPDLQASHSELQVPTPGRAGLLNTSGTKGLECSPSTPTMNSYFYKFMINLL KRFSSERKLEVRGPFIRQLCLLLNAENIFHSMADILLREEDLKFASTMVHALNTILLTSTELFQLRN QLKDLKTLESQNLFCCLYRSWCHNPVTTVSLCFLTQNYRHAYDLIQKFGDLEVTVDFLAEVDKLV QLIECPIFTYLRQLLDVKNNPYLIKALYGLLMLLPQSSAFQLLSHRLQCVNPPELLQTEDSLKAAPK SQKADSPSIDYAEELLQHFEKVQNKHLEVRHQRSGRGDHLDRRVVL
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)

VAC14 MaxPab polyclonal antibody. Western Blot analysis of VAC14 expression in human liver.

[Protocol Download](#)

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Western Blot analysis of VAC14 expression in transfected 293T cell line ([H00055697-T01](#)) by VAC14 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to VAC14 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — VAC14

Entrez GeneID	55697
GeneBank Accession#	NM_018052.3
Protein Accession#	NP_060522.3
Gene Name	VAC14
Gene Alias	ArPIKfyve, FLJ10305, FLJ36622, FLJ46582, MGC149815, MGC149816, TAX1BP2, TRX
Gene Description	Vac14 homolog (S. cerevisiae)
Omim ID	604632
Gene Ontology	Hyperlink
Gene Summary	Phosphatidylinositol 3,5-bisphosphate (PI(3,5)P2) is a low-abundance signaling molecule. A regulatory complex made up of VAC14 and FIG4 (MIM 609390) control synthesis of PI(3,5)P2 by activating PI(3)P kinase, FAB1 (PIP5K3; MIM 609414). The VAC14/FIG4 complex also functions in the breakdown of PI(3,5)P2 (Zhang et al., 2007 [PubMed 17956977]).[supplied by OMIM]
Other Designations	Tax1 (human T-cell leukemia virus type I) binding protein 1 Tax1 (human T-cell leukemia virus type I) binding protein 2 Vac14 homolog

Disease

- [Tobacco Use Disorder](#)