

## VAC14 Antibody

Catalog No: #47748

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

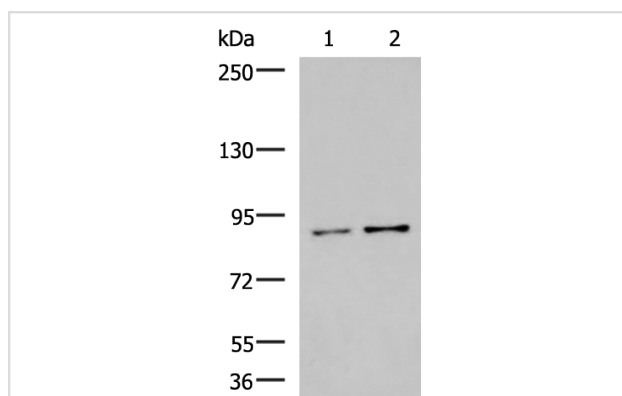
## Description

Product Name	VAC14 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total VAC14 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human VAC14
Target Name	VAC14
Other Names	TRX; TAX1BP2; ArPIKfyve
Accession No.	Swiss-Prot#:Q08AM6NCBI Gene ID:55697Gene Accssion:BC007214
Uniprot	Q08AM6
GeneID	55697;
Calculated MW	88 kDa
Concentration	0.6
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

WB dilution:1:200-1000

## Images



Gel: 6%SDS-PAGE, Lysate: 40 µg, Lane: Human fetal liver tissue and HepG2 cell lysates, Primary antibody:47748(VAC14 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 1 minute

## Background

This gene encodes a scaffold protein that is a component of the PIKfyve protein kinase complex. This complex is responsible for the synthesis of phosphatidylinositol 3,5-bisphosphate, an important component of cellular membranes, from phosphatidylinositol 3-phosphate. Mice lacking a

functional copy of this gene exhibit severe neurodegeneration. Mutations in the human gene have been identified in patients with a childhood onset progressive neurological disorder characterized by impaired movement, dystonia, and striatal abnormalities.

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Note: This product is for in vitro research use only