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Datasheet for ABIN7581221 anti-VAC14 antibody (AA 523-782)

Image



Overview

1

Quantity:	50 µg
Target:	VAC14
Binding Specificity:	AA 523-782
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)
Product Details	
Durpooo:	Dabbit polyalanal antibody to human Vac14 with repativity to mayor /ret and human Vac14

Purpose:	Rabbit polyclonal antibody to human Vac14 with reactivity to mouse/rat and human Vac14
Immunogen:	The antibody was generated from a fusion protein with amino acids 523 to 782 of human Vac14.
Isotype:	lgG
Specificity:	The Vac14 antibody is directed at an C-terminal region of Vac14 and detects mammalian forms of Vac14 with an expected molecular weight of approximately 82-88 kDa.
Cross-Reactivity:	Mouse, Rat
Purification:	affinity purified using Protein A chromatography
T	

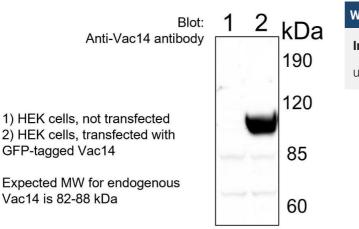
 Target Details

 Target:
 VAC14

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Target Details		
Alternative Name:	Vac14 (VAC14 Products)	
Background:	Vac14 is a scaffold protein that functions in a complex with PIKfyve and Sac3 (FIG4) to regulate the synthesis and turnover of phosphatidylinositol 3,5-bisphosphate (PI(3,5)P2) on endosomal membranes. The coordinated activity within the complex maintains homeostasis of PI(3)P and PI(5)P and plays a role in the fusion and transport of endosomes	
Pathways:	Inositol Metabolic Process	
Application Details		
Application Notes:	IF/ICC – 2-5 ug/mL, Western – 1.0 ug/mL, Immunoprecipitation – 1.0 ug/mL Other in vitro and cellular applications are possible using this antibody, but have not been verified.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4	
Storage:	4 °C,-80 °C	
Storage Comment:	protect from direct light and store at 4°C for up to 30 days. For long term storage, aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.	

Images



Western Blotting

Image 1. Western blot for Vac14 in transfected and untransfected HEK293 cells