

Datasheet for ABIN7581190
anti-VAC14 antibody (AA 523-782)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	VAC14
Binding Specificity:	AA 523-782
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAC14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

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:	IgG
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

Target Details

Target:	VAC14
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.