

Product datasheet for **TA359553**

VAC14 Rabbit Polyclonal Antibody

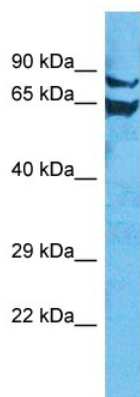
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human VAC14
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	86 kDa
Gene Name:	Vac14, PIKFYVE complex component
Database Link:	NP_060522.3 Entrez Gene 55697 Human Q08AM6
Background:	The content of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P ₂) in endosomal membranes changes dynamically with fission and fusion events that generate or absorb intracellular transport vesicles. VAC14 is a component of a trimolecular complex that tightly regulates the level of PtdIns(3,5)P ₂ . Other components of this complex are the PtdIns(3,5)P ₂ -synthesizing enzyme PIKFYVE (MIM 609414) and the PtdIns(3,5)P ₂ phosphatase FIG4 (MIM 609390). VAC14 functions as an activator of PIKFYVE.
Synonyms:	ArPIKfyve; FLJ10305; FLJ36622; FLJ46582; MGC149815; MGC149816; TAX1BP2; TRX



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Product images:



Host: Rabbit

Target Name: VAC14

Sample Tissue: 293T Cell Lysate

Antibody Dilution: 1.0 μ g/ml

WB Suggested Anti-VAC14 antibody Titration: 1
ug/mL

Sample Type: Human 293T Whole Cell