

Product datasheet for **TA357939**

VAC14 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat Homology: Cow: 100%; Dog: 100%; Guinea Pig: 77%; Horse: 93%; Human: 100%; Mouse: 92%; Pig: 79%; Rabbit: 79%; Rat: 92%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	86kDa
Gene Name:	Vac14, PIKFYVE complex component
Database Link:	NP_060522 Entrez Gene 55697 Human Q08AM6
Background:	The content of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2) 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)P2. Other components of this complex are the PtdIns(3,5)P2-synthesizing enzyme PIKFYVE and the PtdIns(3,5)P2 phosphatase FIG4. VAC14 functions as an activator of PIKFYVE.



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Synonyms: ArPIKfyve; FLJ10305; FLJ36622; FLJ46582; MGC149815; MGC149816; TAX1BP2; TRX

Product images:

WB Suggested Anti-VAC14 Antibody
Titration: 1.0 ug/ml
Positive Control: Jurkat Whole Cell