

## **Product datasheet for TA357939**

## Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

EU: info-de@origene.com CN: techsupport@origene.cn

## **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.

Note that this product is shipped as lyophilized powder to China customers.

**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.

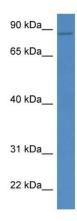




Synonyms:

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