

VAC14 Rabbit pAb

Catalog Number: bs-12679R

Target Protein: VAC14

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Pig, Cow, Zebrafish, Chicken, Dog, Horse)

Predicted MW: 88 kDa

Entrez Gene: 55697

Swiss Prot: Q08AM6

Source: KLH conjugated synthetic peptide derived from human VAC14: 1-100/782.

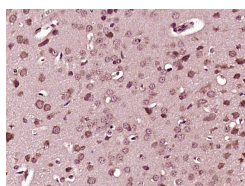
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 (MIM 609414) and the PtdIns(3,5)P₂ phosphatase FIG4 (MIM 609390). VAC14 functions as an activator of PIKFYVE (Sbrissa et al., 2007 [PubMed 17556371]).[supplied by OMIM, Feb 2010]

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (VAC14) Polyclonal Antibody, Unconjugated (bs-12679R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.