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RPH3A (vPair™) Antibodies

Cat#: R3046-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 77 kDa

Uniprot ID: P47708

Application: WB

Quantity: 50 ul RPH3A (N) (R3046-1) Rabbit Polyclonal Antibody &
50 ul RPH3A (M) (R3046-3) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, CHIP, IHC, and FACS.

Background:

Rabphilin-3A (RPH3A) is a protein transport probably involved with Ras-related protein Rab-3A in synaptic vesicle traffic and/or synaptic vesicle fusion. RPH3A could also play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.

Other Names:

Rabphilin-3A, Exophilin-1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [RPH3A (N) (R3046-1)] or the middle [RPH3A (M) (R3046-3)] region of mouse RPH3A. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Mouse

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

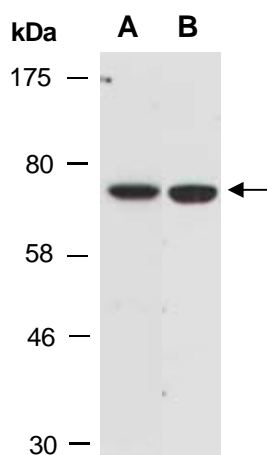


Fig 1. Western blot of total cell extracts from mouse brain; using A) anti-RPH3A (N) (R3046-1); B) anti-RPH3A (M) (R3046-3) at RT for 2 h.