

Datasheet for ABIN361408
anti-RPH3A antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	RPH3A
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPH3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH
Specificity:	Specific for the ~82k rabphilin 3A protein.
Cross-Reactivity:	Rat (Rattus)
Predicted Reactivity:	mouse, human, bovine, canine and non-human primate
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	RPH3A
Alternative Name:	RPH3A (RPH3A Products)

Target Details

Background: Rabphilin-3A is a peripheral membrane protein that binds Ca²⁺ and phospholipids and is attached to synaptic vesicle membranes (Geppert et al., 1994, Li et al., 1994). The expression of rabphilin 3A is reduced in an animal model of Huntington's disease (Smith et al., 2005). Rabphilin can be phosphorylated at Ser234 by both CAM kinase II and PKA and this phosphorylation has been suggested to regulate neuronal activity during development in a synapse-specific manner (Fykse et al., 1995, Foletti and Scheller, 2001). Anti- Rabphilin 3A Western blot of rat cortex lysate showing specific immunolabeling of the ~82k rabphilin 3A.

Molecular Weight: 82 kDa

Gene ID: 171039

UniProt: [P47709](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.

Restrictions: For Research Use only

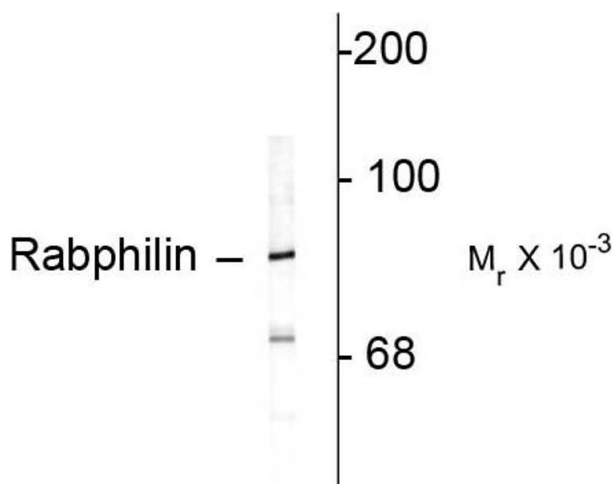
Handling

Format: Liquid

Buffer: 100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.

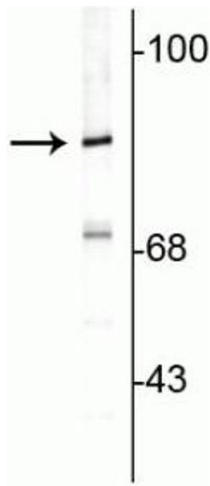
Storage: -20 °C

Images



Western Blotting

Image 1. Western blots of rat cortex lysate showing specific immunolabeling of the ~82k rabphilin 3A.



Western Blotting

Image 2. Western blot of rat cortical lysate showing specific immunolabeling of the ~82 kDa rabphilin 3A.