

Anti-Rabphilin 3A Antibody

Our Anti-Rabphilin 3A rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house.

Catalog # AN1533

Product Information

Application	WB
Primary Accession	P47709
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	75832

Additional Information

Gene ID	171039
Other Names	Exophilin 1 antibody, Exophilin-1 antibody, Exophilin1 antibody, KIAA0985 antibody, Rabphilin 3A homolog antibody, Rabphilin-3A antibody, Rabphilin3A antibody, RP3A antibody, RP3A_HUMAN antibody, Rph 3a antibody, Rph3a antibody
Target/Specificity	Rabphilin-3A is a peripheral membrane protein that binds Ca ²⁺ 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 Ser-234 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).
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Rabphilin 3A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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an animal model of Huntington's disease (Smith et al., 2005). Rabphilin can be phosphorylated at Ser-234 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).

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