

Product name:	Rabphilin-3A (phospho Ser237) Rabbit Polyclonal Antibody
Cat number:	ABN05323
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Rabphilin 3A around the phosphorylation site of Ser237. AA range:203-252
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	75kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Exocytosis of neurotransmitters and hormones is fundamental to synaptic neurotransmission and cell-cell communication. RAB3A (MIM 179390) is a small G protein that is thought to act at late stages of exocytosis, and RPH3A is a RAB3A effector (Lin et al., 2007 [PubMed 17149709]).[supplied by OMIM, Jul 2008],function:Protein transport. Probably involved with Ras-related protein Rab-3A in synaptic vesicle traffic and/or synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.,similarity:Contains 1 FYVE-type zinc finger.,similarity:Contains 1 RabBD (Rab-binding) domain.,similarity:Contains 2 C2 domains.,