

产品名称: Rabphilin-3A Rabbit Polyclonal Antibody
产品货号: AP Rab16818



产品概述 (Summary)

产品名称 (Production Name)	Rabphilin-3A Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RPH3A
别名 (Alternative Names)	RPH3A; KIAA0985; Rabphilin-3A; Exophilin-1
基因 ID (Gene ID)	22895.0
蛋白 ID (SwissProt ID)	Q9Y2J0.The antiserum was produced against synthesized peptide derived from human Rabphilin 3A. AA range:203-252

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	75kDa

研究背景 (Background)

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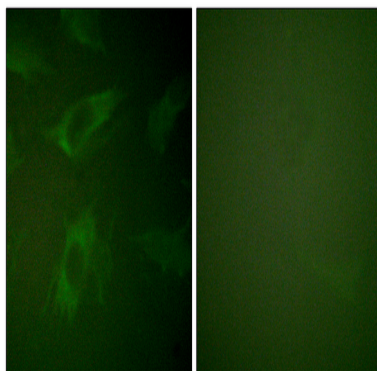


Exocytosis of neurotransmitters and hormones is fundamental to synaptic neurotransmission and cell-cell communication. RAB3A (MIM 179390) is a small G protein that is thought to act at late stages of exocytosis, and RPH3A is a RAB3A effector (Lin et al., 2007 [PubMed 17149709]).[supplied by OMIM, Jul 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.,

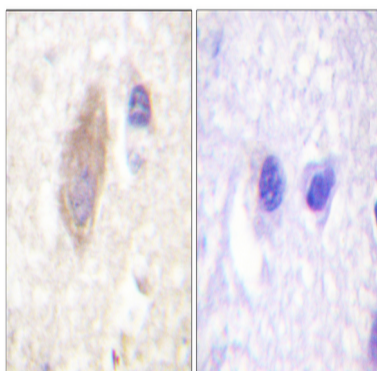
研究领域 (Research Area)

Neurotransmission; Secretory Vesicles; Rabs; Neuroscience; Cell Type Marker; Neuron marker; Synapse marker

图片 (Image Data)

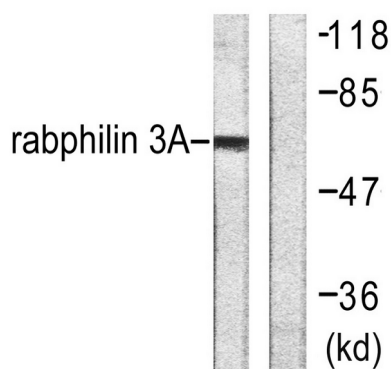


Immunofluorescence analysis of HeLa cells, using Rabphilin 3A Antibody. The picture on the right is blocked with the synthesized peptide.

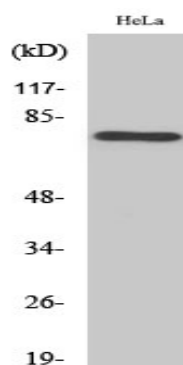


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Rabphilin 3A Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HeLa cells, treated with TNF- α 20ng/ml 2', using Rabphilin 3A Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Rabphilin-3A Polyclonal Antibody

注意事项 (Note)

For research use only .