

产品名称: Endophilin I Rabbit Polyclonal Antibody

产品货号: APRab10467

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
分子量(Molecular Weight)	39kDa

抗原信息(Antigen Information)

基因名(Gene Name)	SH3GL2
别名(Alternative Names)	SH3GL2; CNSA2; SH3D2A; Endophilin-A1; EEN-B1; Endophilin-1; SH3 domain protein 2A; SH3 domain-containing GRB2-like protein 2
基因 ID(Gene ID)	6456.0
SwissProt ID	Q99962
免疫原(Immunogen)	Synthesized peptide derived from Endophilin I . at AA range: 30-110

研究背景 (Background)

domain:An N-terminal amphipathic helix, the BAR domain and a second amphipathic helix inserted into helix 1 of the BAR domain (N-BAR domain) induce membrane curvature and bind curved membranes. The BAR domain dimer forms a rigid

crescent shaped bundle of helices with the pair of second amphipathic helices protruding towards the membrane-binding surface.,function:Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature.,miscellaneous:HeLa cells expressing the N-BAR domain of SH3GL2 show tubulation of the plasma membrane. The N-BAR domain binds liposomes and induces formation of tubules from liposomes. The N-terminal amphipathic helix is required for liposome binding. The second amphipathic helix enhances liposome tubulation.,similarity:Belongs to the endophilin family.,similarity:Contains 1 BAR domain.,similarity:Contains 1 SH3 domain.,subcellular location:Concentrated in presynaptic nerve terminals in neurons.,subunit:Monomer; in cytoplasm. Homodimer; when associated with membranes (By similarity). Interacts with SYNJ1 and DNM1. Interacts with MAP4K3; the interaction appears to regulate MAP4K3-mediated JNK activation. Interacts with PDCD6IP.,tissue specificity:Brain, mostly in frontal cortex. Expressed at high level in fetal cerebellum.,domain:An N-terminal amphipathic helix, the BAR domain and a second amphipathic helix inserted into helix 1 of the BAR domain (N-BAR domain) induce membrane curvature and bind curved membranes. The BAR domain dimer forms a rigid crescent shaped bundle of helices with the pair of second amphipathic helices protruding towards the membrane-binding surface.,function:Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature.,miscellaneous:HeLa cells expressing the N-BAR domain of SH3GL2 show tubulation of the plasma membrane. The N-BAR domain binds liposomes and induces formation of tubules from liposomes. The N-terminal amphipathic helix is required for liposome binding. The second amphipathic helix enhances liposome tubulation.,similarity:Belongs to the endophilin family.,similarity:Contains 1 BAR domain.,similarity:Contains 1 SH3 domain.,subcellular location:Concentrated in presynaptic nerve terminals in neurons.,subunit:Monomer; in cytoplasm. Homodimer; when associated with membranes (By similarity). Interacts with SYNJ1 and DNM1. Interacts with MAP4K3; the interaction appears to regulate MAP4K3-mediated JNK activation. Interacts with PDCD6IP.,tissue specificity:Brain, mostly in frontal cortex. Expressed at high level in fetal cerebellum.,

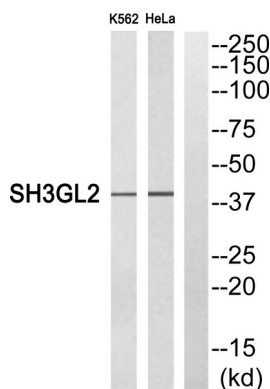
研究领域 (Research Area)

Endocytosis;

注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of SH3GL2 Antibody. The lane on the right is blocked with the SH3GL2 peptide.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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