

产品名称: Dynamin I (phospho Ser778) Rabbit Polyclonal Antibody
产品货号: APRab04568



产品概述 (Summary)

产品名称 (Production Name)	Dynamin I (phospho Ser778) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	DNM1
别名 (Alternative Names)	DNM1; DNM; Dynamin-1
基因 ID (Gene ID)	1759.0
蛋白 ID (SwissProt ID)	Q05193.The antiserum was produced against synthesized peptide derived from human DYN1 around the phosphorylation site of Ser778. AA range:751-800

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	100kDa

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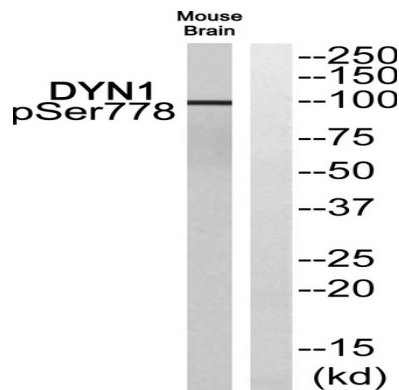
研究背景 (Background)

dynamin 1(DNM1) Homo sapiens This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],catalytic activity:GTP + H₂O = GDP + phosphate,.,function:Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis,.,similarity:Belongs to the dynamin family,.,similarity:Contains 1 GED domain,.,similarity:Contains 1 PH domain,.,subcellular location:Microtubule-associated,.,subunit:Interacts with CAV1 and SH3GLB1. Binds SH3GL1, SH3GL2 and SH3GL3,.

研究领域 (Research Area)

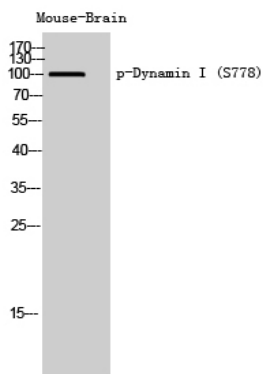
Endocytosis;Fc gamma R-mediated phagocytosis;

图片 (Image Data)



Western blot analysis of DYN1 (Phospho-Ser778) Antibody. The lane on the right is blocked with the DYN1 (Phospho-Ser778) peptide.

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Western Blot analysis of Mouse-Brain cells using Phospho-Dynamin I (S778) Polyclonal Antibody

注意事项 (Note)

For research use only .