

产品名称: Dynamin I (phospho Ser774) Rabbit Polyclonal Antibody
产品货号: APRab04567



产品概述 (Summary)

产品名称 (Production Name)	Dynamin I (phospho Ser774) 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)	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 Dynamin-1 around the phosphorylation site of Ser774. AA range:740-789

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	97kDa

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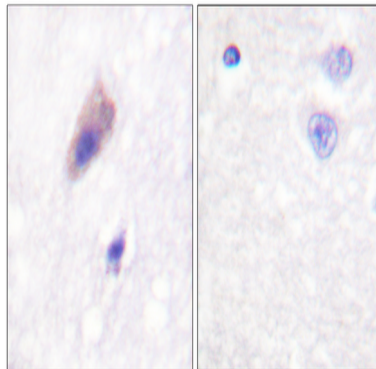
研究背景 (Background)

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)

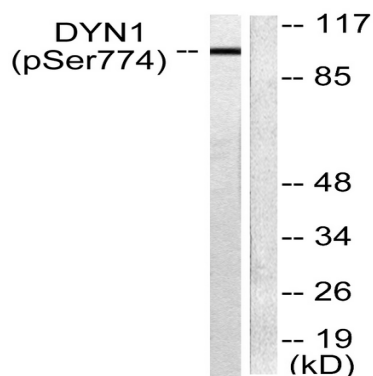
Endocytosis;Fc gamma R-mediated phagocytosis;

图片 (Image Data)

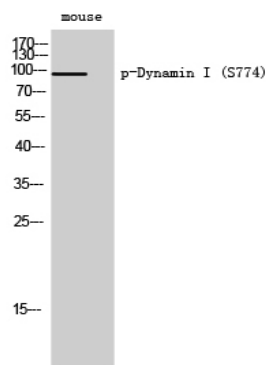


Immunohistochemistry analysis of paraffin-embedded human brain, using Dynamin-1 (Phospho-Ser774) Antibody. The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from mouse brain, using Dynamin-1 (Phospho-Ser774) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of mouse cells using Phospho-Dynamin I (S774) Polyclonal Antibody

注意事项 (Note)

For research use only .