

产品名称: mAChR M4 Rabbit Polyclonal Antibody
产品货号: APRab13545



产品概述 (Summary)

产品名称 (Production Name)	mAChR M4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	CHRM4
别名 (Alternative Names)	CHRM4; Muscarinic acetylcholine receptor M4
基因 ID (Gene ID)	1132.0
蛋白 ID (SwissProt ID)	P08173. The antiserum was produced against synthesized peptide derived from human CHRM4. AA range: 236-285

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	53kDa

研究背景 (Background)

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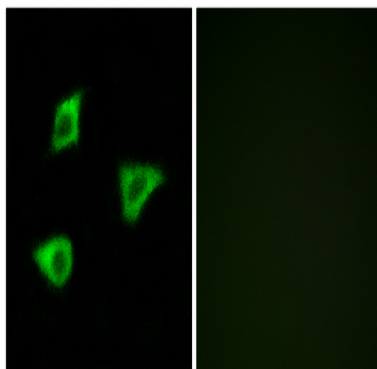


The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The clinical implications of this receptor are unknown; however, mouse studies link its function to adenylate cyclase inhibition. [provided by RefSeq, Jul 2008],function:The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is inhibition of adenylate cyclase.,similarity:Belongs to the G-protein coupled receptor 1 family.,

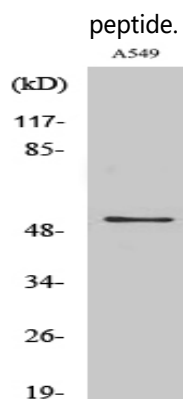
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;Regulates Actin and Cytoskeleton;

图片 (Image Data)



Immunofluorescence analysis of LOVO cells, using CHRM4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using mAChR M4 Polyclonal Antibody

注意事项 (Note)

For research use only .

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