

产品名称: Latrophilin-2 Rabbit Polyclonal Antibody
产品货号: APRab13233



产品概述 (Summary)

产品名称 (Production Name)	Latrophilin-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	LPHN2
别名 (Alternative Names)	LPHN2; KIAA0786; LEC1; LPHH1; Latrophilin-2; Calcium-independent alpha-latrotoxin receptor 2; CIRL-2; Latrophilin homolog 1; Lectomedin-1
基因 ID (Gene ID)	23266.0
蛋白 ID (SwissProt ID)	O95490. The antiserum was produced against synthesized peptide derived from human LPHN2. AA range: 551-600

产品应用 (Application)

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

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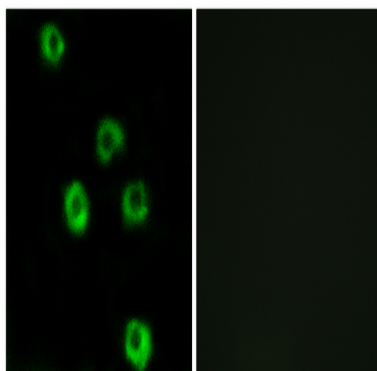


研究背景 (Background)

This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors. The encoded protein participates in the regulation of exocytosis. The proprotein is thought to be further cleaved within a cysteine-rich G-protein-coupled receptor proteolysis site into two chains that are non-covalently bound at the cell membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],function:Calcium-independent receptor of low affinity for alpha-latrotoxin, an excitatory neurotoxin present in black widow spider venom which triggers massive exocytosis from neurons and neuroendocrine cells. Receptor probably implicated in the regulation of exocytosis.,PTM:Proteolytically cleaved into 2 subunits, an extracellular subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 olfactomedin-like domain.,similarity:Contains 1 SUEL-type lectin domain.,subunit:Forms a heterodimer, consisting of a large extracellular region (p120) non-covalently linked to a seven-transmembrane moiety (p85).,tissue specificity:Expressed very widely in all normal tissues tested. Expression is variable in tumor cell lines, apparently elevated in some lines and absent or markedly reduced in others.,

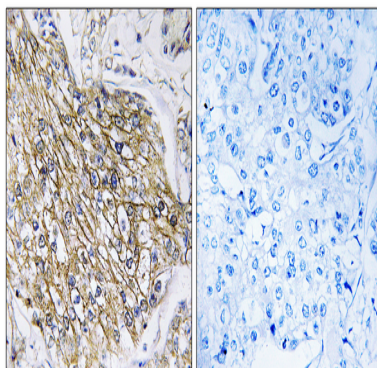
研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of COS7 cells, using LPHN2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using LPHN2 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .