



Latrophilin-1 Polyclonal Antibody

Catalog No BYab-13388 Isotype IgG Reactivity Human;Mouse;Rat Applications WB;ELISA;IHC Gene Name LPHN1 Protein Name Latrophillin-1 Immunogen Latrophillin-1 Emmunogen Latrophillin-1 Polyclonal Antibody detects endogenous levels of Latrophilin-1 protein. Specificity Latrophillin-1 Polyclonal Antibody detects endogenous levels of Latrophilin-1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability 20°C/1 year Synonyms LPHN1; KIAA0821; LEC2; Latrophilin-1; Calcium-independent alpha-latrotoxin; receptor 1; CIRL-1; Lectomedin-2 Observed Band Cell membrane; Multi-pass membrane protein. Cell projection, axon . Cell projection, growth cone. Cell junction, synapse, presynaptic cell membrane. Cell junction, synapse, synaptosome. Colocalizes with Tell projection, synapse, synaptosome. Synaptosome.		
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Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



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	etic pathway,
either in the endoplasmic reticulum or in the early compartment of the	e Golgi
apparatus., similarity: Belongs to the G-protein coupled receptor 2 fam	nilv. LŇ-TM7
subfamily, similarity: Contains 1 GPS domain, similarity: Contains 1	,
olfactomedin-like domain.,similarity:Contains 1 SUEL-type lectin	
domain.,subunit:Form	

Background

This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. In experiments with non-human species, endogenous proteolytic cleavage within a cysteine-rich GPS (G-protein-coupled-receptor proteolysis site) domain resulted in two subunits (a large extracellular N-terminal cell adhesion subunit and a subunit with substantial similarity to the secretin/calcitonin family of GPCRs) being non-covalently bound at the cell membrane. Latrophilin-1 has been shown to recruit the neurotoxin from black widow spider venom, alpha-latrotoxin, to the synapse plasma membrane. Alternative splicing results in multiple variants encoding distinct isoforms.[provided by RefSeq, Oct 2008],

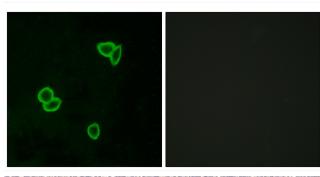
matters needing attention

Avoid repeated freezing and thawing!

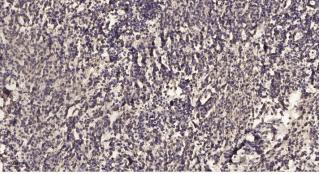
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunofluorescence analysis of LOVO cells, using LPHN1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human meningioma. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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