

Latrophilin-1 Polyclonal Antibody

Cat No: HR1AP6376

For research use only

Overview

Product Name	Latrophilin-1 Polyclonal Antibody
Source	Rabbit
Applications	IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	LPHN1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	LPHN1; KIAA0821; LEC2; Latrophilin-1; Calcium-independent alpha-latrotoxin receptor 1; CIRL-1; Lectomedin-2
Background	<p>adhesion G protein-coupled receptor L1(ADGRL1) Homo sapiens 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],</p>