

## Latrophilin-1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16940	Rabbit	1 mg/ml	162717
<b>Applications</b>	IF,ELISA		
<b>Reactivity</b>	Human,Mouse,Rat		
<b>Dilution</b>	IF: 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Latrophilin-1 Polyclonal Antibody detects endogenous levels of Latrophilin-1 protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human LPHN1. AA range:561-610		
<b>Uniprot No</b>	O94910		
<b>Alternative names</b>	LPHN1; KIAA0821; LEC2; Latrophilin-1; Calcium-independent alpha-latrotoxin receptor 1; C1RL-1; Lectomedin-2		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<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>		
<b>Other</b>	LPHN1, Latrophilin-1		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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