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Datasheet for ABIN6983540  
**anti-Latrophilin 1 antibody (AA 201-300) (Cy3)**

### Overview

Quantity:	100 µL
Target:	Latrophilin 1 (LPHN1)
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Latrophilin 1 antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LPHN1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Latrophilin 1 (LPHN1)
Alternative Name:	LPHN1 ( <a href="#">LPHN1 Products</a> )

## Target Details

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**Background:** Synonyms: Calcium independent alpha latrotoxin receptor 1, Calcium-independent alpha-latrotoxin receptor 1, CIRL-1, CIRL1, CL1, CLIBA, G protein-coupled receptor for alpha-Latrotoxin, KIAA0821, Latrophilin 1, Latrophilin-1, Latrophilin1, LEC2, Lectomedin 2, Lectomedin-2, LPHN 1, LPHN1, LPHN1\_HUMAN.

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]

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Gene ID: 22859

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UniProt: [O94910](#)

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Pathways: [Synaptic Membrane](#), [Synaptic Vesicle Exocytosis](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months