



## Rabbit Anti-LPHN3 antibody

SL18350R

<b>Product Name:</b>	LPHN3
<b>Chinese Name:</b>	蛛毒素受体3抗体
<b>Alias:</b>	Calcium independent alpha latrotoxin receptor 3; Calcium-independent alpha-latrotoxin receptor 3; CIRL 3; CIRL-3; CIRL3; c13 latrotoxin receptor; KIAA0768; Latrophilin 3; Latrophilin homolog 3 (cow); Latrophilin homolog 3; Latrophilin-3; Latrophilin3; LEC 3; LEC3; Lectomedin 3; Lectomedin-3; Lectomedin3; lph3; LPHN 3; Lphn3; LPHN3 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,Monkey,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	160kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LPHN3:1171-1270/1447
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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. [provided by RefSeq, Jul 2008]

**Subcellular Location:**

Cell membrane.

**Post-translational modifications:**

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.

Contains 1 GPS domain.

Contains 1 olfactomedin-like domain.

Contains 1 SUEL-type lectin domain.

**SWISS:**

Q9HAR2

**Gene ID:**

23284

**Database links:**

[Entrez Gene: 23284](#) Human

[Entrez Gene: 319387](#) Mouse

[Entrez Gene: 170641](#) Rat

[SwissProt: Q9HAR2](#) Human

[SwissProt: Q80TS3](#) Mouse

[SwissProt: Q9Z173](#) Rat

[Unigene: 28391](#) Human

[Unigene: 570770](#) Human

[Unigene: 273631](#) Mouse

[Unigene: 461016](#) Mouse

[Unigene: 203386](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)