

For Research Use Only

# LPHN1-Specific Polyclonal antibody

Catalog Number: 20044-1-AP



## Basic Information

<b>Catalog Number:</b> 20044-1-AP	<b>GenBank Accession Number:</b> NM_001008701	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 213 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 22859	
<b>Source:</b> Rabbit	<b>Full Name:</b> latrophilin 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 163 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

LPHN1, also named as KIAA0821 and LEC2, belongs to the G-protein coupled receptor 2 family and LN-TM7 subfamily. LPHN1 calcium-independent receptor of high affinity for alpha-Latrotoxin, an excitatory neurotoxin present in *Latrodectus mactan* venom which triggers massive exocytosis from neurons and neuroendocrine cells. It is a receptor probably implicated in the regulation of exocytosis. This antibody is specific to LPHN1 and has no cross reaction to LPHN2.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data