

For Research Use Only

LPHN3 Polyclonal antibody

Catalog Number: 20045-1-AP **1 Publications**



Basic Information

Catalog Number:

20045-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_015236

GeneID (NCBI):

23284

UNIPROT ID:

Q9HAR2

Full Name:

latrophilin 3

Calculated MW:

162 kDa

Observed MW:

139 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

FC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse brain tissue, HepG2 cells, mouse colon tissue, COLO 320 cells, rat brain tissue, human liver tissue

IP : mouse brain tissue,

Background Information

LPHN3, also named as KIAA0768 and LEC3, belongs to the G-protein coupled receptor 2 family and LN-TM7 subfamily. LPHN3 forms a heterodimer, consisting of a large extracellular region (p120) non-covalently linked to a seven-transmembrane moiety (p85). This antibody recognizes all the isoforms of LPHN3 and has no cross reaction with LPHN1 and LPHN2.

Notable Publications

Author	Pubmed ID	Journal	Application
Rhiannon V McNeill	32787626	World J Biol Psychiatry	WB

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

For technical support and original validation data for this product please contact:

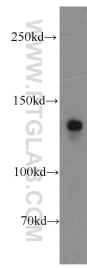
T: 4006900926

E: Proteintech-CN@ptglab.com

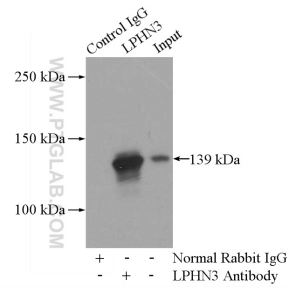
W: ptgcn.com

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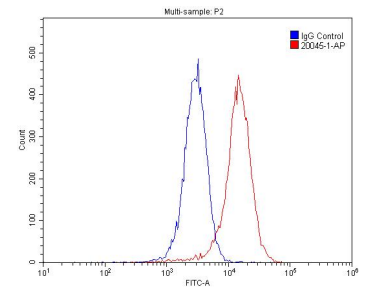
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20045-1-AP (LPHN3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-LPHN3 (IP:20045-1-AP, 4 μ g; Detection:20045-1-AP 1:300) with mouse brain tissue lysate 4000 μ g.



1X10⁶ HepG2 cells were stained with .2 μ g LPHN3 antibody (20045-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.