

For Research Use Only

LPHN3 Polyclonal antibody

Catalog Number: 20045-1-AP

3 Publications



Basic Information

Catalog Number:

20045-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, 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
Emma Partiot	38548923	Nat Microbiol	WB
Kushal Prajapati	38427724	Sci Adv	

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

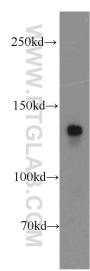
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

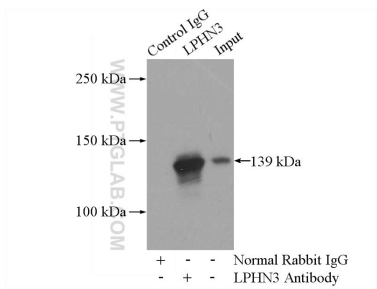
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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, 4ug; Detection:20045-1-AP 1:300) with mouse brain tissue lysate 4000ug.