

For Research Use Only

LPHN3 Polyclonal antibody

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



Basic Information

Catalog Number: 20045-1-AP	GenBank Accession Number: NM_015236	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23284	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: latrophilin 3	
Isotype: IgG	Calculated MW: 162 kDa	
	Observed MW: 139 kDa	

Applications

Tested Applications: FC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: mouse brain tissue, HepG2 cells, mouse colon tissue, COLO 320 cells, rat brain tissue, human liver tissue
Species Specificity: human, mouse, rat	IP: mouse brain tissue,
Cited Species: human	

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

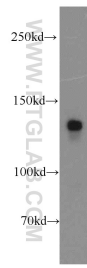
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

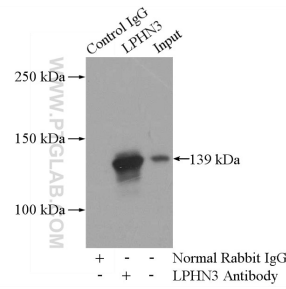
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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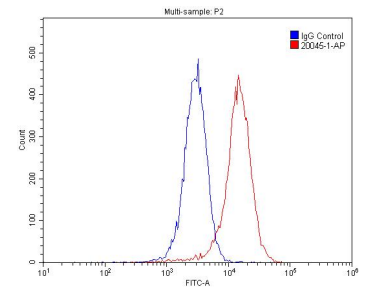
Selected Validation Data



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



1X10⁶ HepG2 cells were stained with .2ug 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.