

For Research Use Only

# LGI3 Polyclonal antibody

Catalog Number: 21919-1-AP

1 Publications



## Basic Information

### Catalog Number:

21919-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 407 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16257

### GenBank Accession Number:

BC142997

### GeneID (NCBI):

203190

### UNIPROT ID:

Q8N145

### Full Name:

leucine-rich repeat LGI family, member 3

### Calculated MW:

548 aa, 62 kDa

### Observed MW:

55-62 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

IF

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HepG2 cells, mouse lung tissue, A549 cells, mouse liver tissue, SMMC-7721 cells

IHC : human lung tissue, human brain tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Dana Marafi	35948005	Am J Hum Genet	IF

## 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

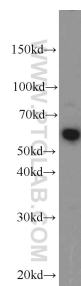
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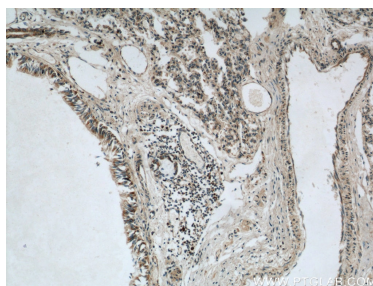
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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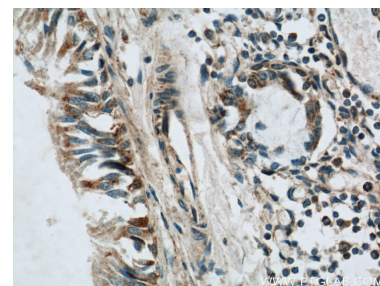
## Selected Validation Data



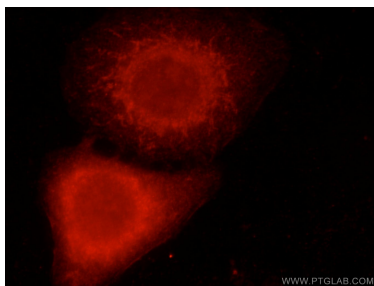
HepG2 cells were subjected to SDS PAGE followed by western blot with 21919-1-AP (LGI3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung using 21919-1-AP (LGI3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 21919-1-AP (LGI3 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 21919-1-AP (LGI3 Antibody) at dilution of 1:50 and Rhodamine-labeled goat anti-Rabbit IgG (red).