

For Research Use Only

# LRRC1 Polyclonal antibody

Catalog Number: 10128-2-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

10128-2-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0175

### GenBank Accession Number:

BC003193

### GeneID (NCBI):

55227

### UNIPROT ID:

Q9BTT6

### Full Name:

leucine rich repeat containing 1

### Calculated MW:

59 kDa

### Observed MW:

59 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:200-1:800

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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 : HEK-293 cells,

IHC : human stomach cancer tissue,

IF/ICC : HEK-293 cells,

## Background Information

LRRC1 consists of 524 amino acids including 16 leucine-rich repeats and a LAP-specific domain. It has been shown to be highly expressed in several human cancers and can participate in the malignant process of cancer cells, such as hepatocellular carcinoma, breast cancer and non-small cell lung cancer. (PMID: 36370237, PMID: 37505155)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yake Wang	38473980	Int J Mol Sci	WB, IHC
Yao Wang	38165568	J Mol Histol	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

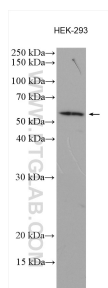
For technical support and original validation data for this product please contact:

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

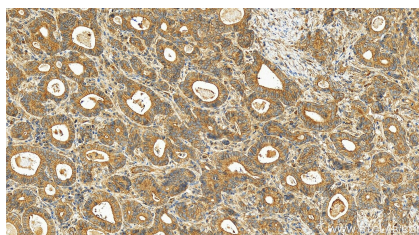
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

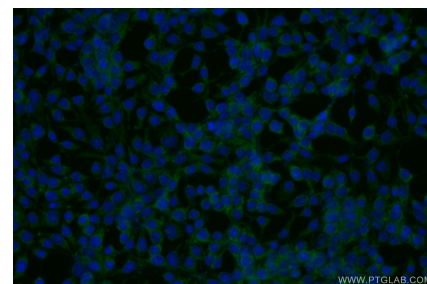
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10128-2-AP (LRRC1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10128-2-AP (LRRC1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using LRRC1 antibody (10128-2-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).