

For Research Use Only

# LZTS1 Polyclonal antibody

Catalog Number: 20878-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

20878-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG14977

### GenBank Accession Number:

BC075007

### GeneID (NCBI):

11178

### UNIPROT ID:

Q9Y250

### Full Name:

leucine zipper, putative tumor suppressor 1

### Calculated MW:

596 aa, 67 kDa

### Observed MW:

67 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

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

IHC 1:500-1:2000

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, 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**: Jurkat cells, HEK-293 cells, human testis tissue, mouse ovary tissue, mouse thymus tissue, PC-3 cells, rat brain tissue, mouse brain tissue

**IP**: mouse brain tissue,

**IHC**: human skin cancer tissue,

**IF/ICC**: HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
T Kawaue	31239441	Nat Commun	WB,IF
Xiaoqun Mai	39757032	Int Dent J	WB,IHC
Tianwei Chen	36453019	Mol Oncol	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

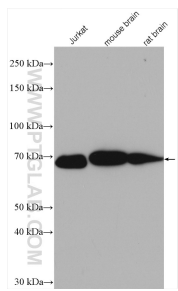
For technical support and original validation data for this product please contact:

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

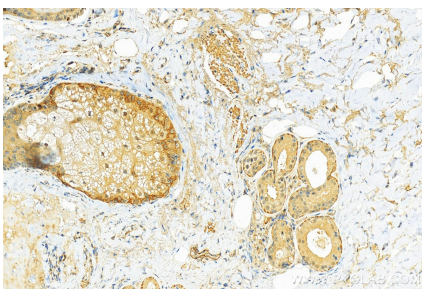
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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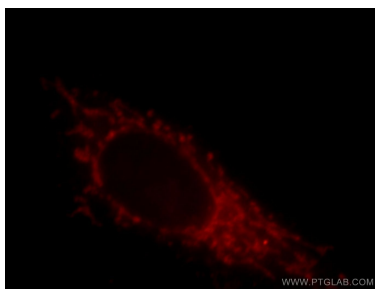
Selected Validation Data



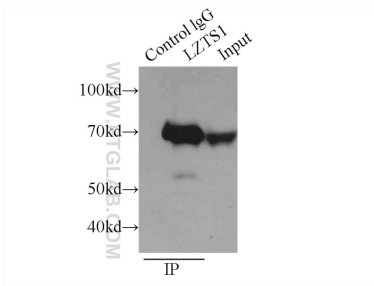
Various lysates were subjected to SDS PAGE followed by western blot with 20878-1-AP (LZTS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 20878-1-AP (LZTS1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using LZTS1 antibody 20878-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-LZTS1 (IP:20878-1-AP, 3ug; Detection:20878-1-AP 1:500) with mouse brain tissue lysate 7500ug.