

For Research Use Only

# LZTS2 Polyclonal antibody

Catalog Number: 15677-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 15677-1-AP	<b>GenBank Accession Number:</b> BC006212	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84445	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> leucine zipper, putative tumor suppressor 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 73 kDa	
<b>Immunogen Catalog Number:</b> AG8145	<b>Observed MW:</b> 70-80 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, PC-3 cells
<b>Cited Applications:</b> IF, IP, WB	<b>IHC :</b> human prostate hyperplasia tissue, human kidney tissue
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

LZTS2, also named as KIAA1813 and LAPSER1, is a novel b-Catenin-interacting protein and it regulates the nuclear export of b-Catenin. LZTS2 is a negative regulator of katanin-mediated microtubule severing and release from the centrosome. It is required for central spindle formation and the completion of cytokinesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yohendran Baskaran	34493720	Nat Commun	IF
Shuangbing Xu	29409973	Cancer Lett	WB
Yanwei Lu	33420362	Oncogene	WB,IP

## Storage

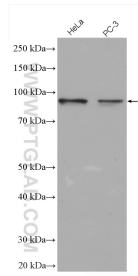
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

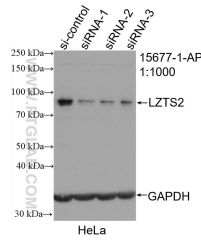
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

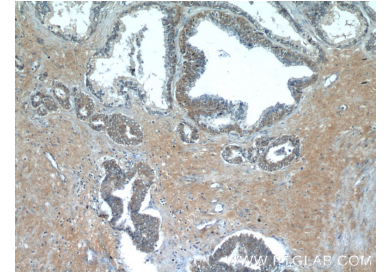
## Selected Validation Data



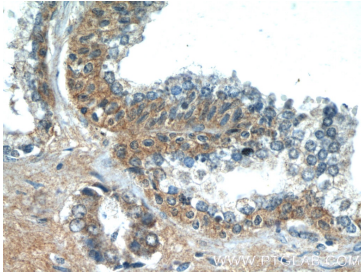
Various lysates were subjected to SDS PAGE followed by western blot with 15677-1-AP (LZTS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



WB result of LZTS2 antibody (15677-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LZTS2 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 15677-1-AP (LZTS2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 15677-1-AP (LZTS2 Antibody) at dilution of 1:50 (under 40x lens).