For Research Use Only

LZTS2 Polyclonal antibody

Catalog Number:15677-1-AP Featured Product 7 Publications

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Basic Information

Catalog Number:
15677-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8145

GenBank Accession Number:
BC006212

GeneID (NCBI):
84445

UNIPROT ID:
Q9BRK4

Full Name:
leucine zipper, putative tumor suppressor 2

Calculated MW:
73 kDa

Observed MW:
70-80 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:8000
IHC 1:20-1:200

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IP, IF

Species Specificity:
human, mouse

Cited Species:
human

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 : HeLa cells, PC-3 cells

IHC : human prostate hyperplasia tissue, human kidney tissue

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
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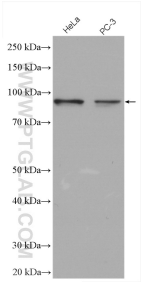
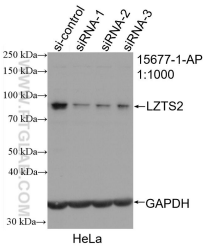
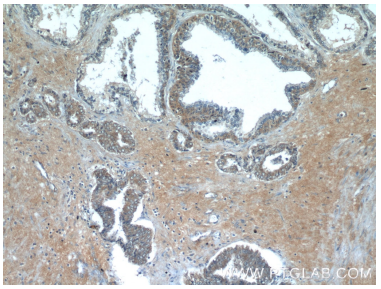
Selected Validation Data



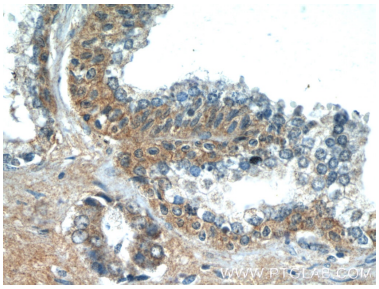
Various lysates were subjected to SDS PAGE followed by western blot with 15677-1-AP (LZTS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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).