

For Research Use Only

LZTFL1 Polyclonal antibody

Catalog Number: 17073-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

17073-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10919

GenBank Accession Number:

BC025988

GeneID (NCBI):

54585

UNIPROT ID:

Q9NQ48

Full Name:

leucine zipper transcription factor-like 1

Calculated MW:

299 aa, 35 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:250-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP

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 : HEK-293 cells, HeLa cells, HepG2 cells, U-251 cells, mouse testis tissue, rat testis tissue

IHC : human colon tissue, human heart tissue, human lung tissue, human small intestine tissue, human testis tissue, mouse heart tissue, mouse lung tissue, mouse small intestine tissue, mouse testis tissue, rat heart tissue, rat small intestine tissue, rat testis tissue

IF/ICC : HepG2 cells,

Background Information

LZTFL1 belongs to the LZTFL1 family. It is an important regulator of BBSome ciliary trafficking and hedgehog signaling. LZTFL1 regulates Ciliary Trafficking of the BBSome and Smoothened. (PMID:22072986)

Notable Publications

Author	Pubmed ID	Journal	Application
Shichao Duan	33241915	EMBO J	WB,IF
Thibaut Eguether	25446516	Dev Cell	WB,IF
Paurav B Desai	32435793	J Cell Biol	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

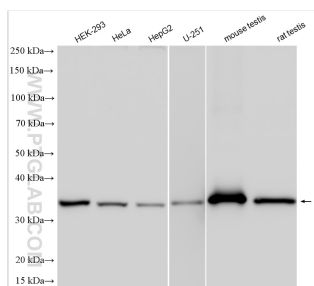
For technical support and original validation data for this product please contact:

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

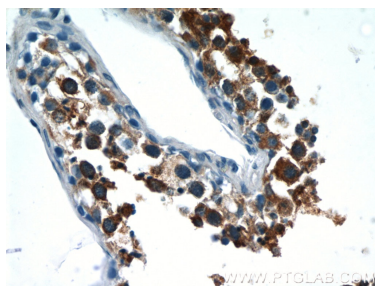
E: proteintech@ptglab.com
W: ptglab.com

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

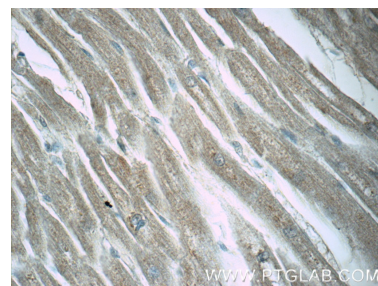
Selected Validation Data



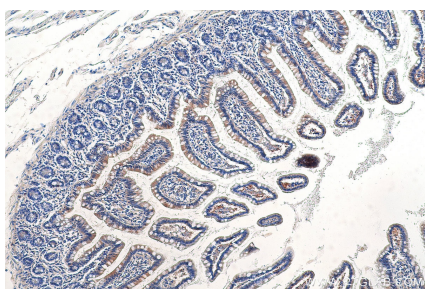
Various lysates were subjected to SDS PAGE followed by western blot with 17073-1-AP (LZTFL1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



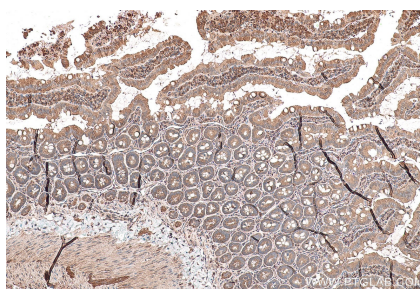
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17073-1-AP (LZTFL1 Antibody) at dilution of 1:50 (under 40x lens).



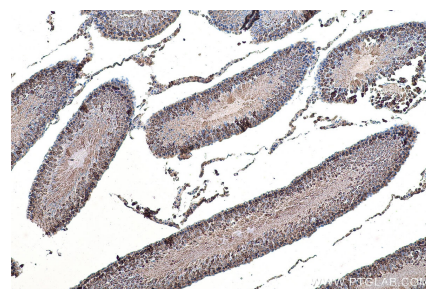
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 17073-1-AP (LZTFL1 Antibody) at dilution of 1:50 (under 40x lens).



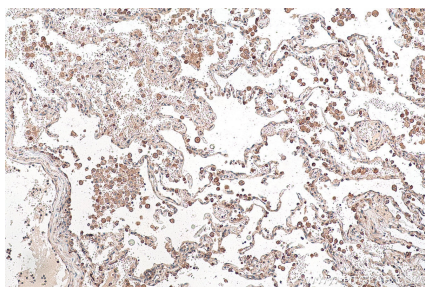
Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



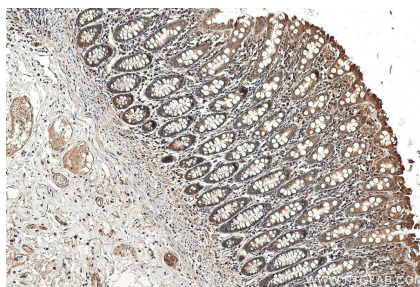
Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



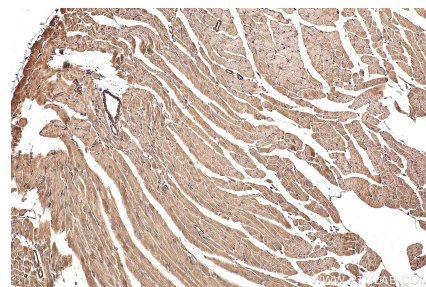
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



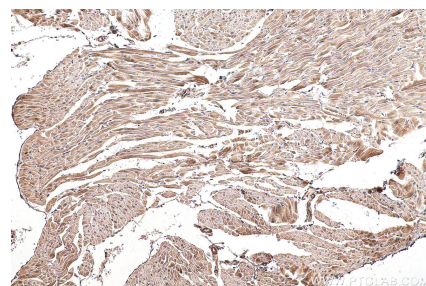
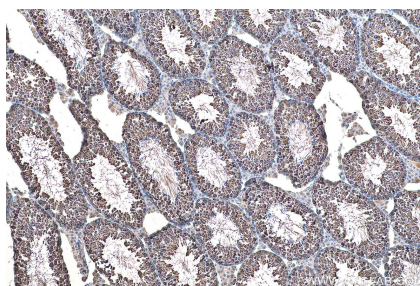
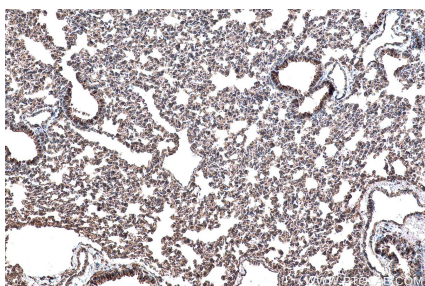
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



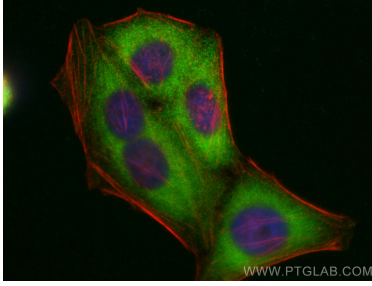
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using LZTFL1 antibody (17073-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).

Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 17073-1-AP (LZTFL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).