

For Research Use Only

LHPP Polyclonal antibody

Catalog Number: 15759-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number:

15759-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8375

GenBank Accession Number:

BC007324

GeneID (NCBI):

64077

UNIPROT ID:

Q9H008

Full Name:

phospholysine phosphohistidine
inorganic pyrophosphate phosphatase

Calculated MW:

23 kDa, 29 kDa

Observed MW:

23-32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, 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 : mouse liver tissue, human liver tissue, human
brain tissue, A549 cells, HeLa cells, rat liver tissue,
A431 cells, HepG2 cells

IHC : human liver cancer tissue, human kidney tissue

IF/ICC : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Danfang Wang	36484014	J Cancer	WB,IHC
Jiangfeng Li	33121495	Mol Cancer	IHC
Kai Guo	36376886	BMC Med Genomics	WB,IHC

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

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

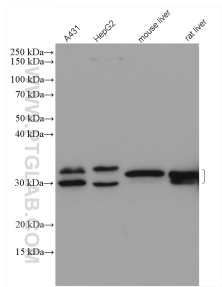
T: 4006900926

E: Proteintech-CN@ptglab.com

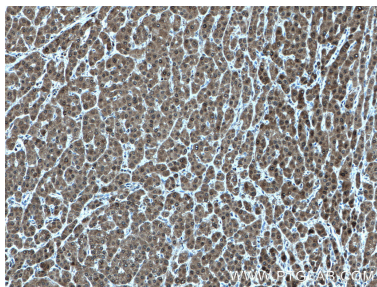
W: ptgcn.com

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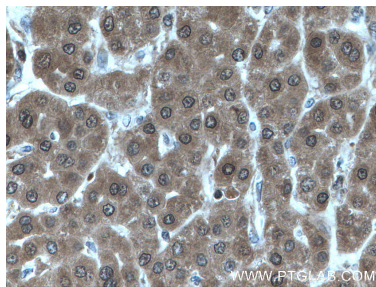
Selected Validation Data



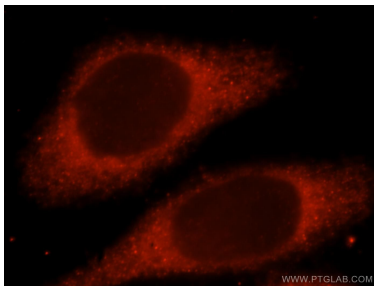
Various lysates were subjected to SDS PAGE followed by western blot with 15759-1-AP (LHPP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



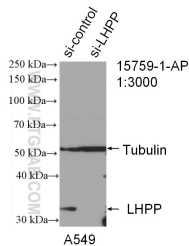
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15759-1-AP (LHPP antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15759-1-AP (LHPP antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using LHPP antibody 15759-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



WB result of LHPP antibody (15759-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LHPP transfected A549 cells.