

For Research Use Only

Ribosomal protein L4 Recombinant antibody

Catalog Number: 80959-1-RR



Basic Information

Catalog Number:

80959-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28728

GenBank Accession Number:

BC009888

GeneID (NCBI):

6124

UNIPROT ID:

P36578

Full Name:

ribosomal protein L4

Calculated MW:

48 kDa

Observed MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

3K6

Recommended Dilutions:

WB 1:5000-1:50000

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

IHC 1:250-1:1000

IF/ICC 1:125-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

Species Specificity:

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 : HEK-293 cells, HeLa cells, HepG2 cells, U2OS cells, Jurkat cells, K-562 cells

IP : HeLa cells,

IHC : human stomach cancer tissue, human intrahepatic cholangiocarcinoma tissue

IF/ICC : HepG2 cells,

Background Information

60S ribosomal protein L4 is encoded by RPL4 (or RPL1) gene. RPL4 is a component of 60S subunit of ribosome, and belongs to the L4E family. By interacting with c-Myb, RPL4 plays a important role in c-myc expression in response to growth factor and nutritional signals. Recently RPL4 was reported to be able to increase efficiency of viral recoding sequence.

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:

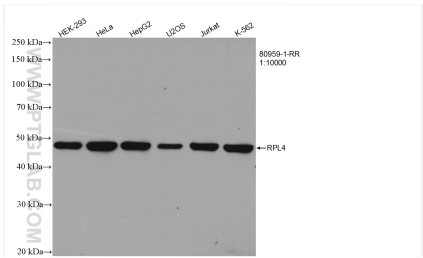
T: 4006900926

E: Proteintech-CN@ptglab.com

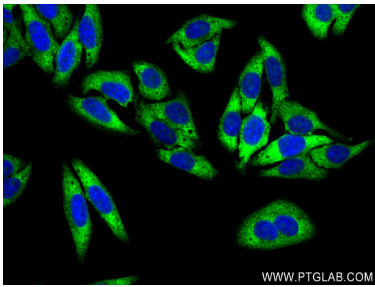
W: ptgcn.com

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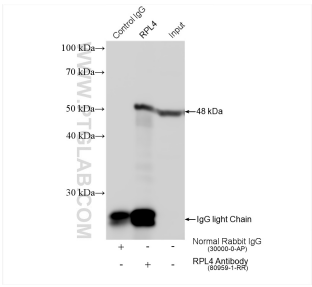
Selected Validation Data



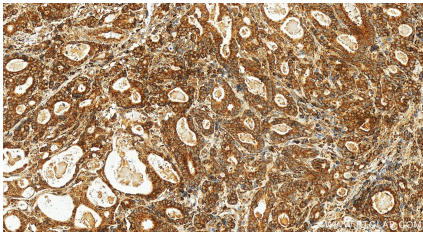
Various lysates were subjected to SDS PAGE followed by western blot with 80959-1-RR (RPL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



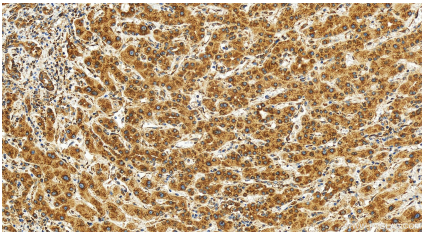
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Ribosomal protein L4 antibody (80959-1-RR, Clone: 3K6) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



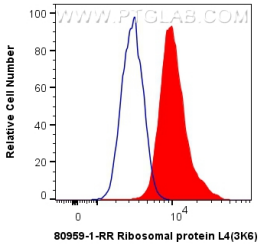
IP result of anti-Ribosomal protein L4 (IP:80959-1-RR, 4ug; Detection:80959-1-RR 1:2000) with HeLa cells lysate 1560 ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 80959-1-RR (Ribosomal protein L4 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 80959-1-RR (Ribosomal protein L4 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug Anti-Human Ribosomal protein L4 (80959-1-RR, Clone:3K6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).