

For Research Use Only

RPL11 Polyclonal antibody

Catalog Number: 16277-1-AP

Featured Product

33 Publications



Basic Information

Catalog Number:

16277-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9356

GenBank Accession Number:

BC018970

GeneID (NCBI):

6135

UNIPROT ID:

P62913

Full Name:

ribosomal protein L11

Calculated MW:

177 aa, 20 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: human liver tissue, BxPC-3 cells, mouse lung tissue, mouse pancreas tissue, rat liver tissue

IHC: human liver cancer tissue,

IF/ICC: BxPC-3 cells,

Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0*

Background Information

Ribosomal protein L11 is one of 80 mammalian ribosome proteins. It can bind to 5S ribosomal RNA, for it's required for rRNA maturation and formation of the 60S ribosomal subunit. It can inhibit 40S or 60S ribosome biogenesis via mediated p53 induction. Once retained by PICT1 in the nucleolus, RPL11 involve in regulation of the MDM2-P53 pathway and promotion of tumor progression.

Notable Publications

Author	Pubmed ID	Journal	Application
Ju-Ha Kim	34638383	Cancers (Basel)	WB
Xuxiu Tao	36156329	Cancer Sci	WB
Koichi Ogami	36288708	Cell Rep	WB

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:

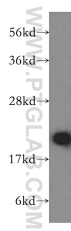
T: 4006900926

E: Proteintech-CN@ptglab.com

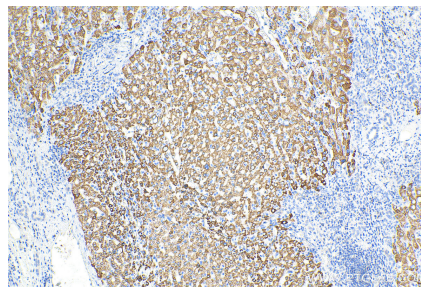
W: ptgcn.com

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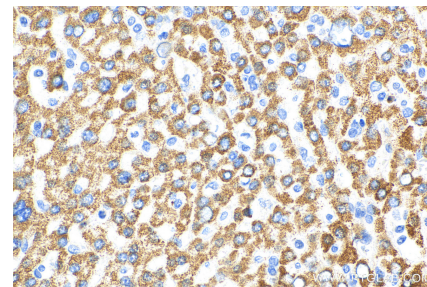
Selected Validation Data



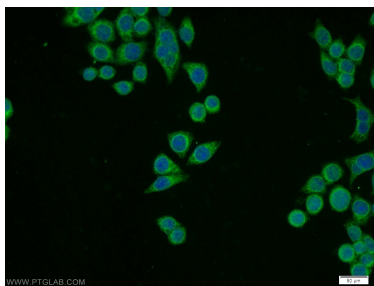
human liver tissue were subjected to SDS PAGE followed by western blot with 16277-1-AP (RPL11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16277-1-AP (RPL11 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 16277-1-AP (RPL11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of BxPC-3 cells using 16277-1-AP (RPL11 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).