

For Research Use Only

RPL17 Polyclonal antibody

Catalog Number: 14121-1-AP

6 Publications



Basic Information

Catalog Number:

14121-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5270

GenBank Accession Number:

BC066323

GeneID (NCBI):

6139

UNIPROT ID:

P18621

Full Name:

ribosomal protein L17

Calculated MW:

21 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

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

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, 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 : HeLa cells, HepG2 cells, mouse pancreas tissue, rat pancreas tissue

IP : HeLa cells,

IHC : human pancreas cancer tissue,

Background Information

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL17 gene encodes a ribosomal protein that is a component of the 60S subunit belonging to the L22P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpl23 because the encoded protein shares amino acid identity with ribosomal protein L23 from *Halobacterium marismortui*; however, its official symbol is RPL17.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyu Zhang	27322069	Nat Chem Biol	WB
Eriko Matsuura-Suzuki	35674491	Elife	WB
Martin Gamberdinger	31377116	Mol Cell	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

*** 20ul sizes contain 0.1% BSA

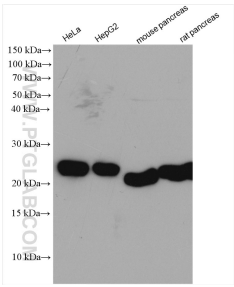
For technical support and original validation data for this product please contact:

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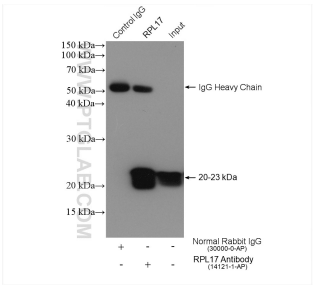
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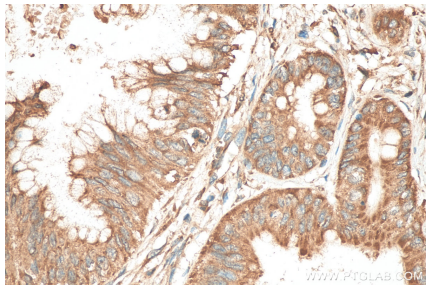
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14121-1-AP (RPL17 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-RPL17 (IP:14121-1-AP, 4ug; Detection:14121-1-AP 1:2000) with HeLa cells lysate 1080 ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 14121-1-AP (RPL17 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).