

For Research Use Only

RRP1B Polyclonal antibody

Catalog Number: 27723-1-AP



Basic Information

Catalog Number: 27723-1-AP	GenBank Accession Number: BC028386	Purification Method: Antigen affinity purification
Size: 350 ug/ml	GeneID (NCBI): 23076	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q14684	
Isotype: IgG	Full Name: ribosomal RNA processing 1 homolog B (S. cerevisiae)	
Immunogen Catalog Number: AG23405	Observed MW: 84 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, 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, HepG2 cells, HeLa cells, K-562 cells

IHC: human intrahepatic cholangiocarcinoma tissue, human ovary cancer tissue

IF/ICC: A431 cells,

Background Information

Ribosomal RNA Processing 1 Homolog B (RRP1B) is a protein that has been implicated in several biological processes, particularly in the context of cancer progression and viral replication. RRP1B was first identified as a metastasis susceptibility gene in breast cancer through its ability to modulate gene expression in a manner that can be used to accurately predict prognosis in breast cancer. It has been shown to interact with the metastasis modifier gene, Sipa1, and modulate elements of metastasis predictive gene expression signatures.

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:

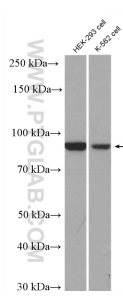
T: 4006900926

E: Proteintech-CN@ptglab.com

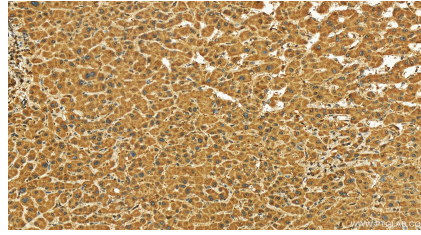
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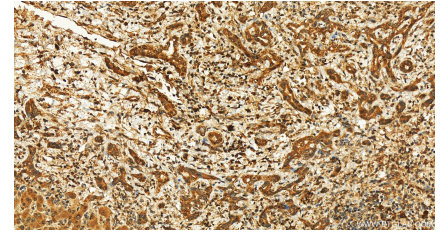
Selected Validation Data



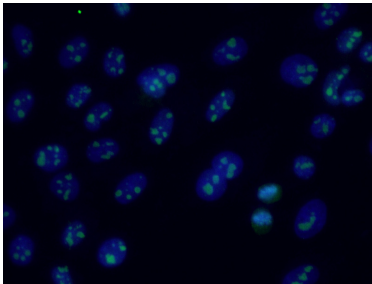
Various lysates were subjected to SDS PAGE followed by western blot with 27723-1-AP (RRP1B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27723-1-AP (RRP1B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27723-1-AP (RRP1B antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using 27723-1-AP (RRP1B antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).