

For Research Use Only

RPL3 Monoclonal antibody, PBS Only



Catalog Number: 66130-1-PBS

Basic Information

Catalog Number: 66130-1-PBS	GenBank Accession Number: BC012786	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 6122	CloneNo.: 2G1B8
Source: Mouse	UNIPROT ID: P39023	
Isotype: IgG1	Full Name: ribosomal protein L3	
Immunogen Catalog Number: AG20400	Calculated MW: 46/27 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
human, mouse, rat

Background Information

Ribosomes, the complexes 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. RPL3, also named as TARBP-B and MGC104284, belongs to the ribosomal protein L3P family. This protein is a component of the 60S subunit. It can bind to the HIV-1 TAR mRNA, and it has been suggested that the protein contributes to tat-mediated transactivation. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

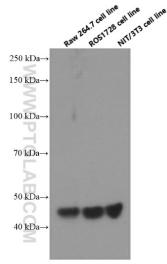
T: 4006900926

E: Proteintech-CN@ptglab.com

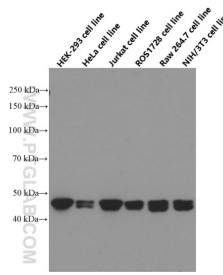
W: ptgcn.com

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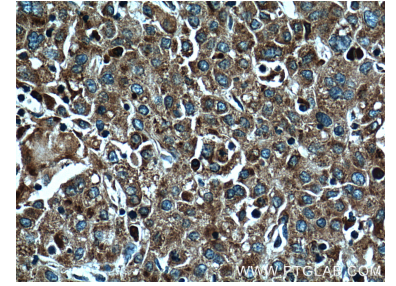
Selected Validation Data



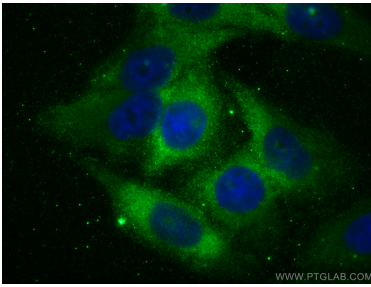
Western blot analysis of RPL3 in various cell lines using Proteintech antibody 66130-1-Ig at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66130-1-PBS in a different storage buffer formulation.



Western blot analysis of RPL3 in various cell lines and tissues using Proteintech antibody 66130-1-Ig at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66130-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66130-1-Ig (RPL3 Antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RPL3 antibody (66130-1-Ig, Clone: 2G1B8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66130-1-PBS in a different storage buffer formulation.