

For Research Use Only

RPS11 Recombinant antibody

Catalog Number: 83517-3-RR



Basic Information

Catalog Number: 83517-3-RR	GenBank Accession Number: BC007945	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 6205	CloneNo.: 240327D11
Source: Rabbit	UNIPROT ID: P62280	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: ribosomal protein S11	
Immunogen Catalog Number: AG34848	Calculated MW: 158 aa, 18 kDa Observed MW: 18 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : ROS1728 cells, mouse testis tissue, rat testis tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse testis tissue, human stomach cancer tissue
	IF/ICC : HepG2 cells,

Background Information

RPS11 is a ribosomal protein involved in ribosome biogenesis. It is a component of the small ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell.

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:

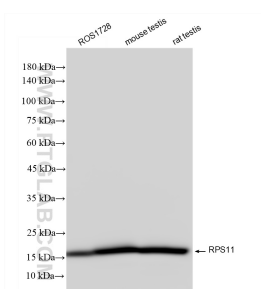
T: 4006900926

E: Proteintech-CN@ptglab.com

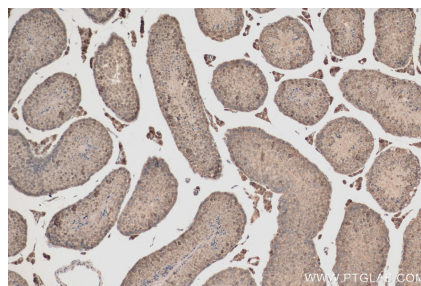
W: ptgcn.com

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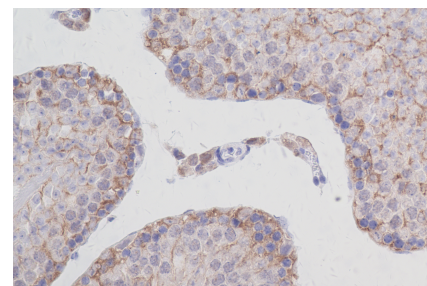
Selected Validation Data



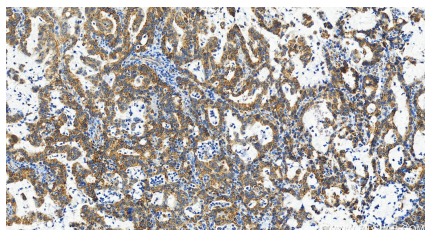
Various lysates were subjected to SDS PAGE followed by western blot with 83517-3-RR (RPS11 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



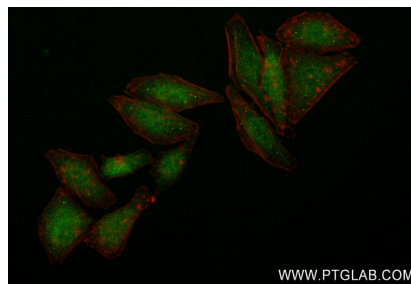
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83517-3-RR (RPS11 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



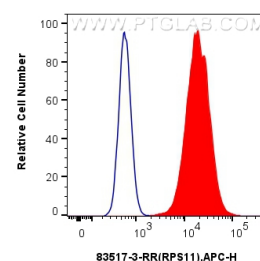
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 83517-3-RR (RPS11 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



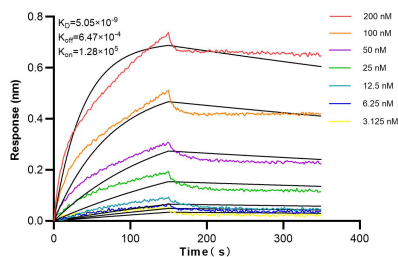
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83517-3-RR (RPS11 antibody) at dilution of 1:4000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RPS11 antibody (83517-3-RR, Clone: 240327D11) at dilution of 1:250 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).



1×10^6 MCF-7 cells were intracellularly stained with 0.25 μ g RPS11 Recombinant antibody (83517-3-RR, Clone:240327D11) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83517-3-RR against Human RPS11 were performed. The affinity constant is 5.05 nM.