

For Research Use Only

RPS23 Polyclonal antibody, PBS Only

Catalog Number: 29834-1-PBS



Basic Information

Catalog Number: 29834-1-PBS	GenBank Accession Number: NM_001025	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6228	
Source: Rabbit	UNIPROT ID: P62266	
Isotype: IgG	Full Name: ribosomal protein S23	
Immunogen Catalog Number: AG31190	Calculated MW: 16 kDa	
	Observed MW: 16-18 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

RPS23 (40S ribosomal protein S23), also called small ribosomal subunit protein uS12, is a subunit of the 40S ribosome and the first precursor of the small eukaryotic ribosomal subunit (PMID: 34516797). It is positioned in the decoding center of the ribosome that serves to maintain translational fidelity by monitoring the complementarity between the mRNA codons being translated and the anti-codons of aminoacyl-tRNAs (PMID: 28257692; 23636399).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

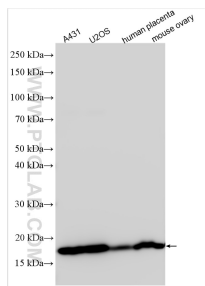
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

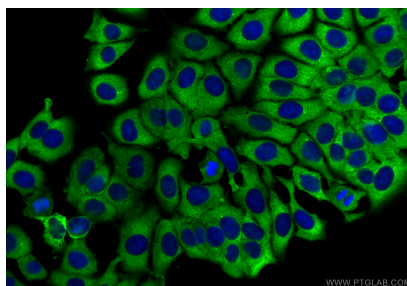
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29834-1-AP (RPS23 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29834-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using RPS23 antibody (29834-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 29834-1-PBS in a different storage buffer formulation.