

For Research Use Only

RPS23 Recombinant antibody

Catalog Number: 84560-1-RR



Basic Information

Catalog Number: 84560-1-RR	GenBank Accession Number: NM_001025	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6228	CloneNo.: 241642H3
Source: Rabbit	UNIPROT ID: P62266	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ribosomal protein S23	
Immunogen Catalog Number: AG31190	Calculated MW: 16 kDa	
	Observed MW: 16-18 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U2OS cells, A431 cells
Species Specificity: human	

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

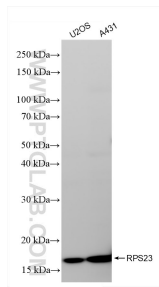
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84560-1-RR (RPS23 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.