

For Research Use Only

RPS23 Recombinant antibody

Catalog Number: 84560-1-RR



Basic Information

Catalog Number:

84560-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31190

GenBank Accession Number:

NM_001025

GeneID (NCBI):

6228

UNIPROT ID:

P62266

Full Name:

ribosomal protein S23

Calculated MW:

16 kDa

Observed MW:

16-18 kDa

Purification Method:

Protein A purification

CloneNo.:

241642H3

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : U2OS cells, A431 cells

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

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

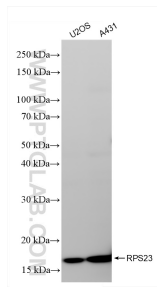
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.