For Research Use Only

RPL26 Recombinant antibody

Catalog Number:85775-1-RR

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Basic Information

Catalog Number:
85775-1-RR

Concentration:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG11821

GenBank Accession Number:
BC071664

GeneID (NCBI):
6154

UNIPROT ID:
P61254

Full Name:
ribosomal protein L26

Calculated MW:
145 aa, 17 kDa

Observed MW:
17-22 kDa

Purification Method:
Protein A purification

CloneNo.:
243015D3

Recommended Dilutions:
WB 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat, monkey

Positive Controls:

WB : HEK-293 cells, HepG2 cells, HeLa cells, Jurkat cells, COS-7 cells, NIH/3T3 cells, PC-12 cells

Background Information

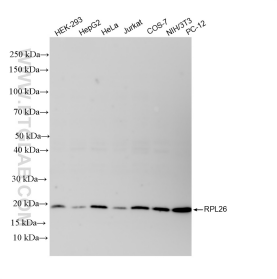
RPL26, or Ribosomal Protein L26, is a crucial component of the ribosome, the cellular machinery responsible for protein synthesis. It belongs to the large subunit of the ribosome and plays a significant role in ribosome biogenesis and function. RPL26 is involved in the translation process, where it helps decode mRNA into proteins, ensuring proper cellular function and development. RPL26 mutations have been implicated in Diamond-Blackfan anemia (DBA), a rare congenital disorder characterized by erythroid hypoplasia. (PMID: 30355487; 24675553)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85775-1-RR (RPL26 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.