

For Research Use Only

RPL13 Recombinant antibody

Catalog Number: 86205-1-RR



Basic Information

Catalog Number:

86205-1-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1814

GenBank Accession Number:

BC014167

GeneID (NCBI):

6137

UNIPROT ID:

P26373

Full Name:

ribosomal protein L13

Calculated MW:

24 kDa

Observed MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

250752B10

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, K-562 cells, MCF-7 cells, SGC-7091 cells

Background Information

The mammalian ribosome comprises 79 ribosomal proteins and four rRNAs, which combine in equimolar ratios to form the small (40S) and large (60S) subunits. Ribosome proteins are a direct and critical target of the PI3K pathway in promoting growth.[PMID:15289434]. RPL13 may be a plausible candidate tumor suppressor gene, as knocking down L13 expression using small interfering RNA (siRNA) resulted in drastic attenuation of cancer cell growth with significant G1 and G2/M arrest of the cell cycle[PMID:16786168].

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:

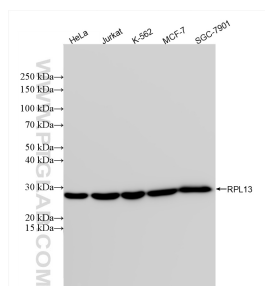
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86205-1-RR (RPL13 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.