

For Research Use Only

S6 Ribosomal protein Recombinant antibody, PBS Only



Catalog Number:80208-1-PBS

Basic Information

Catalog Number:

80208-1-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC000524

GeneID (NCBI):

6194

UNIPROT ID:

P62753

Full Name:

ribosomal protein S6

Calculated MW:

29 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

6L9

Applications

Tested Applications:

WB, IF, Indirect ELISA

Species Specificity:

Human, rat, mouse, Zebrafish

Background Information

Ribosomal protein S6 (RPS6), Phosphoprotein NP33. It may play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA. Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens. It is dephosphorylated at growth arrest. Phosphorylated at Ser-235 and Ser-236 by RPS6KA1 and RPS6KA3; phosphorylation at these sites facilitates the assembly of the preinitiation complex.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

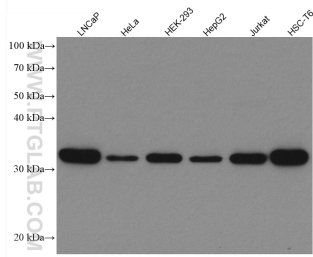
T: 4006900926

E: Proteintech-CN@ptglab.com

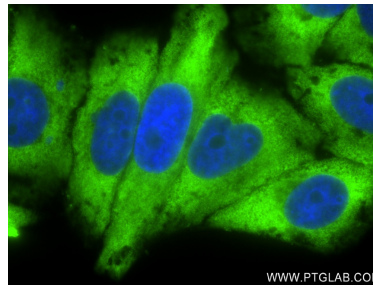
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80208-1-RR (S6 Ribosomal protein antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80208-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using S6 Ribosomal protein antibody (80208-1-RR, Clone: 6L9) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 80208-1-PBS in a different storage buffer formulation.