

For Research Use Only

# Phospho-S6 Ribosomal protein (Ser240/244) Polyclonal antibody

Catalog Number: 29220-1-AP

1 Publications



## Basic Information

Catalog Number:

29220-1-AP

Concentration:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001010

GeneID (NCBI):

6194

UNIPROT ID:

P62753

Full Name:

ribosomal protein S6

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse

Cited Species:

human

Positive Controls:

WB : 10 % fetal bovine serum treated NIH/3T3 cells,

## Background Information

Ribosomal protein S6 (RPS6), also named as Phosphoprotein NP33, 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 and is dephosphorylated at growth arrest.

## Notable Publications

Author	Pubmed ID	Journal	Application
Liangzhong Liu	39437853	Biochim Biophys Acta Mol Cell Res	WB

## 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:

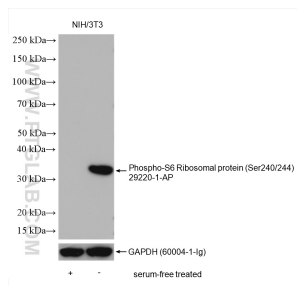
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## Selected Validation Data



Serum-free treated NIH/3T3 cells and 10 % fetal bovine serum treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 29220-1-AP (Phospho-S6 Ribosomal protein (Ser240/244) antibody) at dilution of 1:3000 incubated at 4 °C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.