

# Ribosomal Protein S6 (Phospho Ser240) Rabbit pAb

CatalogNo: YP0893

Orthogonal Validated 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, ELISA

### MW

- 28kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:5000**

**Not yet tested in other applications.**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human S6 Ribosomal Protein around the phosphorylation site of Ser240. AA range:200-249

**Specificity** Phospho-Ribosomal Protein S6 (S240) Polyclonal Antibody detects endogenous levels of Ribosomal Protein S6 protein only when phosphorylated at S240. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RAS<sub>T</sub>S

## Target Information

**Gene name** RPS6

**Protein Name** 40S ribosomal protein S6

Organism	Gene ID	UniProt ID
Human	<a href="#">6194</a> ;	<a href="#">P62753</a> ;
Mouse	<a href="#">20104</a> ;	<a href="#">P62754</a> ;
Rat	<a href="#">29304</a> ;	<a href="#">P62755</a> ;

**Cellular Localization** nucleus,nucleoplasm,nucleolus,cytoplasm,cytosol,ribosome,polysome,small ribosomal subunit,membrane,cytosolic small ribosomal subunit,dendrite,intracellular ribonucleoprotein complex,cytoplasmic ribonucleoprotein granu

**Tissue specificity** Brain,Colon,Colon adenocarcinoma,Epithelium,Muscle,Ovary,Pancreas,Placenta,Skin,Tes

**Function** Function:May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.,PTM: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.,similarity:Belongs to the ribosomal protein S6e family.,

## Validation Data

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**Ribosomal Protein S6 (Phospho Ser240) Rabbit pAb**

