Ribosomal Protein S6 (Phospho Ser235) Rabbit pAb

CatalogNo: YP0243 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC,ELISA

MW
- 32kD (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 1:500-2000
IHC 1:50-300
ELISA 1:2000-20000

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 Ser235. AA range:200-249

Specificity Phospho-Ribosomal Protein S6 (S235) Polyclonal Antibody detects endogenous levels of Ribosomal Protein S6 protein only when phosphorylated at S235.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):RLsSL

Target Information

Gene name RPS6

Protein Name 40S ribosomal protein S6

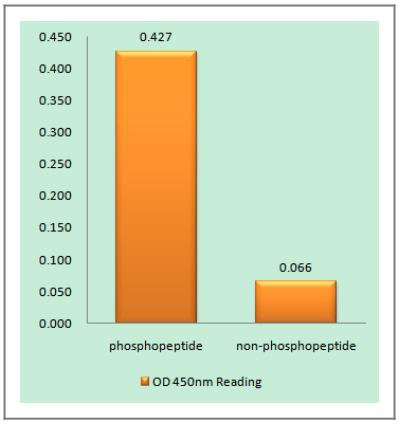
Organism	Gene ID	UniProt ID
Human	6194;	P62753;
Mouse	20104;	P62754;
Rat	29304;	P62755;

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

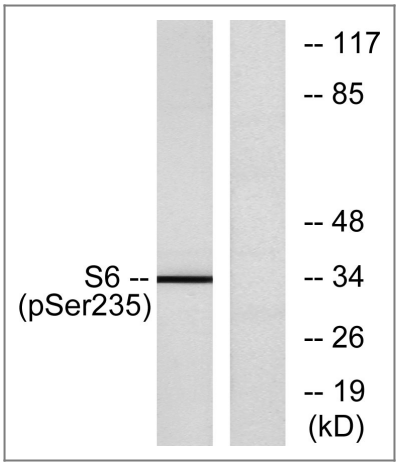
Tissue specificity Brain ,Colon ,Colon adenocarcinoma ,Epithelium ,Muscle ,Ovary ,Pancreas ,Placenta ,Skin ,Tes

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. ,

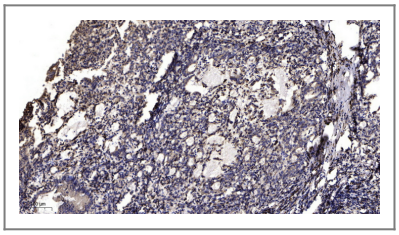
Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using S6 Ribosomal Protein (Phospho-Ser235) Antibody



Western blot analysis of lysates from 293 cells treated with serum 10% 15', using S6 Ribosomal Protein (Phospho-Ser235) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200 (4℃ overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information: **Ribosomal Protein S6 (Phospho Ser235) Rabbit pAb**

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