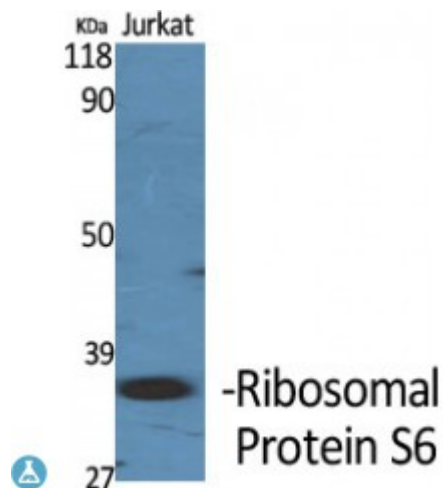


Anti-Ribosomal Protein S6 antibody



Description	Rabbit polyclonal to Ribosomal Protein S6.
Model	STJ95504
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Ribosomal Protein S6 around the non-phosphorylation site of S240.
Immunogen Region	180-260 aa
Gene ID	6194
Gene Symbol	RPS6
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	Ribosomal Protein S6 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	40S ribosomal protein S6 Phosphoprotein NP33 Small ribosomal subunit protein eS6
Molecular Weight	34 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10429OMIM:180460
Alternative Names	40S ribosomal protein S6 Phosphoprotein NP33 Small ribosomal subunit protein eS6
Function	May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.
Post-translational Modifications	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.

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