

Rabbit S6 Ribosomal Protein Polyclonal Antibody | anti-RPS6 antibody

Phospho-S6 Ribosomal Protein (Tyr209) Antibody

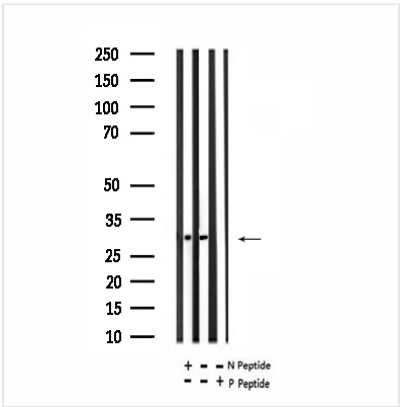
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328472	Rabbit	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

S6 Ribosomal Protein; Polyclonal Antibody; Phospho-S6 Ribosomal Protein (Tyr209) Antibody; 40S ribosomal protein S6; Air8; NP33; Phosphoprotein NP33; Pp30; Ribosomal protein S6; RP S6; RS6; RS6_HUMAN; S6; anti-RPS6 antibody

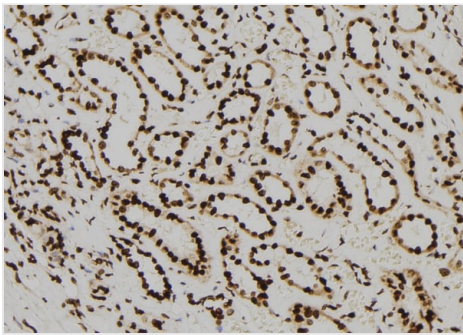
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-S6 Ribosomal Protein (Tyr209) Antibody detects endogenous levels of S6 Ribosomal Protein only when phosphorylated at Tyr209.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	249
Applicable Applications for anti-RPS6 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human S6 Ribosomal Protein around the phosphorylation site of Tyr209.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



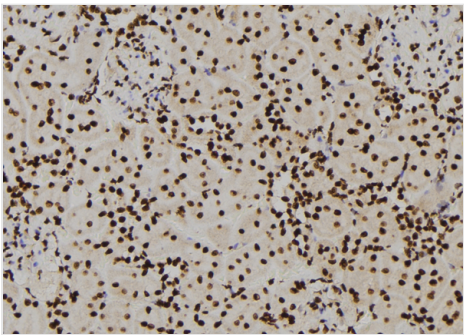
WB (Western Blot)

Western blot analysis of Phospho-S6 Ribosomal Protein (Tyr209) in lysates of HeLa , using Phospho-S6 Ribosomal Protein (Tyr209) Antibody.



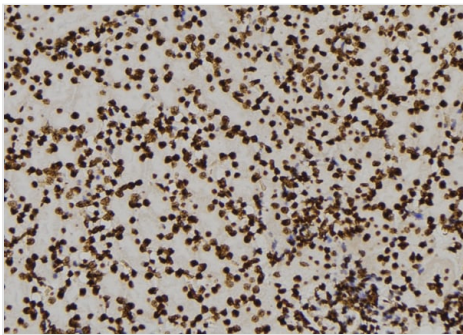
IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6 antibody	Description: 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. Similarity: Belongs to the eukaryotic ribosomal protein eS6 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17158044
NCBI GeneID	6194
NCBI Accession #	NP_001001.2
NCBI GenBank Nucleotide #	NP_001001.2
UniProt Accession #	P62753
Molecular Weight	Observed: 32 kDa Predicted: 29 kDa

NCBI Official Full Name	40S ribosomal protein S6
NCBI Official Synonym Full Names	ribosomal protein S6
NCBI Official Symbol	RPS6
NCBI Official Synonym Symbols	S6
NCBI Protein Information	40S ribosomal protein S6
UniProt Protein Name	40S ribosomal protein S6
UniProt Gene Name	RPS6
UniProt Entry Name	RS6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/s6-ribosomal-protein-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328472>