

Rabbit anti-Human, Mouse RPS6 Polyclonal Antibody | anti-RPS6 antibody

Rabbit anti-RPS6 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211019	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

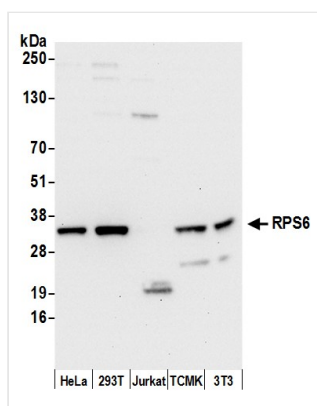
PRODUCT SYNONYMS

RPS6; Polyclonal Antibody; Rabbit anti-RPS6 Antibody; Affinity Purified; S6; phosphoprotein NP33; 40S ribosomal protein S6; small ribosomal subunit protein eS6; ribosomal protein S6; anti-RPS6 antibody

PRODUCT SPECIFICATIONS

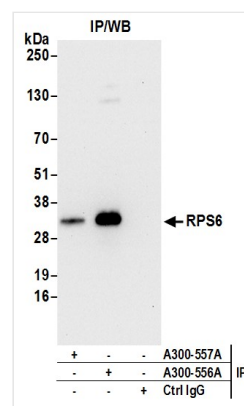
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RPS6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Bovine
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse RPS6 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPS6 antibody AAA211019 (lot AAA211019-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human RPS6 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPS6 antibody AAA211019 (lot AAA211019-2) used for IP at 3 ug per reaction. RPS6 was also immunoprecipitated by rabbit anti-RPS6 antibody For blotting immunoprecipitated RPS6, AAA211019 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS6 antibody	Ribosomal protein S6 (RPS6) is a component of the 40S ribosomal subunit. Ribosomes are composed of a small 40S subunit and a large 60S subunit that function to catalyze protein synthesis. RPS6 is phosphorylated by many cellular kinases including ribosomal protein S6 kinase that is regulated via the mammalian target of rapamycin (mTOR) pathway. RPS6 has been demonstrated to be important in regulating cell size, glucose homeostasis, and translational control of mRNA.
Product Categories/Family for anti-RPS6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17158044
NCBI GeneID	6194
NCBI Accession #	NP_001001.2
NCBI GenBank Nucleotide #	NM_001010.2
UniProt Accession #	P62753; P08227; P10660; Q4VBY7; Q8N6Z7
Molecular Weight	28,681 Da
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; phosphoprotein NP33
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/rps6-antibody-immunoprecipitation-western-blot-elisa/211019>