

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

Rabbit anti-RPSA Antibody, Affinity Purified

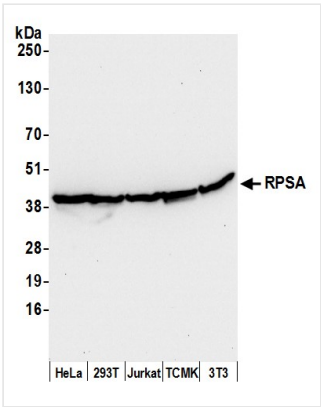
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213202	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

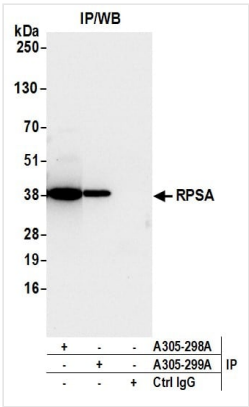
RPSA; Polyclonal Antibody; Rabbit anti-RPSA Antibody; Affinity Purified; SA; LAMR1; LBP/p40; LRP; LRP/LR; multidrug resistance-associated protein MGr1-Ag; laminin-binding protein precursor p40; p40; lamR; small ribosomal subunit protein uS2; NEM/1CHD4; 37LRP; 37 kDa laminin receptor; LBP; 37/67 kDa laminin receptor; laminin receptor 1 (67kD; ribosomal protein SA); 40S ribosomal protein SA; 67 kDa laminin receptor; 67LR; colon carcinoma laminin-binding protein; ICAS; LAMBR; Laminin receptor 1; 37 kDa laminin receptor precursor; ribosomal protein SA; anti-RPSA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RPSA antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Zebrafish, Chicken
Immunogen	Between 245 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse RPSA by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPSA antibody AAA213202 (lot AAA213202-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)
Detection of human RPSA by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPSA antibody AAA213202 (lot AAA213202-1) used for IP at 6 ug per reaction. RPSA was also immunoprecipitated by rabbit anti-RPSA antibody For blotting immunoprecipitated RPSA, AAA213202 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RPSA antibody	RPSA is required for the assembly and/or stability of the 40S ribosomal subunit. RPSA is required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. RPSA also functions as a cell surface receptor for laminin and plays a role in cell adhesion to the basement membrane and in the consequent activation of signaling transduction pathways. RPSA may play a role in cell fate determination and tissue morphogenesis. It acts as a PPP1R16B-dependent substrate of PPP1CA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P08865].
Product Categories/Family for anti-RPSA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	70609879
NCBI GeneID	3921
NCBI Accession #	NP_002286.2
NCBI GenBank Nucleotide #	NM_002295.4
UniProt Accession #	P08865; P11085; P12030; Q16471; Q6IPD1; Q6IPD2; Q6NSD1; Q6NXQ8; Q86VC0
Molecular Weight	32,854 Da
NCBI Official Full Name	Homo sapiens ribosomal protein SA (RPSA), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ribosomal protein SA
NCBI Official Symbol	RPSA
NCBI Official Synonym Symbols	SA; LBP; LRP; p40; 67LR; ICAS; lamR; 37LRP; LAMBR; LAMR1; LRP/LR; LBP/p40; NEM/1CHD4
NCBI Protein Information	40S ribosomal protein SA; 37 kDa laminin receptor; 37/67 kDa laminin receptor; colon carcinoma laminin-binding protein; laminin receptor 1 (67kD, ribosomal protein SA); laminin-binding protein precursor p40; multidrug resistance-associated protein MGr1-Ag
UniProt Protein Name	40S ribosomal protein SA
UniProt Gene Name	RPSA

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://www.aaabiotech.com/polyclonal/rpsa-antibody-immunoprecipitation-western-blot-elisa/213202>