

Rabbit anti-Human RPS12/Ribosomal Protein S12 Polyclonal Antibody | anti-RPS12 antibody

Rabbit anti-RPS12/Ribosomal Protein S12 Antibody, Affinity Purified

CATALOG # AAA213068	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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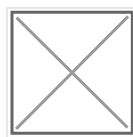
PRODUCT SYNONYMS

RPS12/Ribosomal Protein S12; Polyclonal Antibody; Rabbit anti-RPS12/Ribosomal Protein S12 Antibody; Affinity Purified; 40S ribosomal protein S12; S12; small ribosomal subunit protein eS12; ribosomal protein S12; anti-RPS12 antibody

PRODUCT SPECIFICATIONS

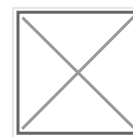
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RPS12 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Bovine, Pig
Immunogen	Between 1 and 50
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 RPS12 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-RPS12 antibody AAA213068 (lot AAA213068-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human RPS12 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-RPS12 antibody AAA213068 (lot AAA213068-1) used for IP at 6 ug per reaction. RPS12 was also immunoprecipitated by rabbit anti-RPS12 antibody For blotting immunoprecipitated RPS12, AAA213068 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS12 antibody

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS12 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm [taken from NCBI Entrez Gene (Gene ID: 6206)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	14277700
NCBI GeneID	6206
NCBI Accession #	NP_001007.2
NCBI GenBank Nucleotide #	NM_001016.3
UniProt Accession #	P25398; Q76M58
Molecular Weight	14,515 Da
NCBI Official Full Name	40S ribosomal protein S12
NCBI Official Synonym Full Names	ribosomal protein S12
NCBI Official Symbol	RPS12
NCBI Official Synonym Symbols	S12
NCBI Protein Information	40S ribosomal protein S12
UniProt Protein Name	40S ribosomal protein S12
UniProt Gene Name	RPS12
UniProt Entry Name	RS12_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/rps12-ribosomal-protein-s12-antibody-immunoprecipitation-western-blot-elisa/213068>