

Rabbit RPS9 Polyclonal Antibody | anti-RPS9 antibody

RPS9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321005	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

RPS9; Polyclonal Antibody; RPS9 Antibody; 40S ribosomal protein S9; OTTHUMP00000069577; OTTHUMP00000069584; OTTHUMP00000069585; OTTHUMP00000194980; OTTHUMP00000197717; OTTHUMP00000197718; OTTHUMP00000197719; OTTHUMP00000206570; Ribosomal protein S9; rps9; RS9_HUMAN; S9; anti-RPS9 antibody

PRODUCT SPECIFICATIONS

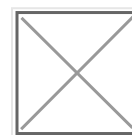
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPS9 antibody detects endogenous levels of total RPS9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	194
Applicable Applications for anti-RPS9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RPS9
Subcellular Location	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (92%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321005 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

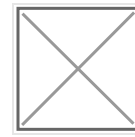


IF (Immunofluorescence)

AAA321005 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**WB (Western Blot)**

Western blot analysis on mouse liver lysate using RPS9 Antibody

**WB (Western Blot)**

Western blot analysis on HeLa cell lysate using RPS9 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION**Related Product Information for anti-RPS9 antibody**

Description: RPS9 Belongs to the ribosomal protein S4P family. Identified in a mRNP granule complex, at least composed of ACTB, ACTN4, DHX9, ERG, HNRNPA1, HNRNPA2B1, HNRNPAB, HNRNPD, HNRNPL, HNRNPR, HNRNPU, HSPA1, HSPA8, IGF2BP1, ILF2, ILF3, NCBP1, NCL, PABPC1, PABPC4, PABPN1, RPLP0, RPS3, RPS3A, RPS4X, RPS8, RPS9, SYNCRIP, TROVE2, YBX1 and untranslated mRNAs.
Subunit Structure: Identified in a IGF2BP1-dependent mRNP granule complex containing untranslated mRNAs.
Similarity: Belongs to the universal ribosomal protein uS4 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141193
NCBI GeneID	6203
NCBI Accession #	NP_001004.2
NCBI GenBank Nucleotide #	NM_001013.3
UniProt Accession #	P46781; Q4QRK7; Q9BVZ0; A9C4C1
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	40S ribosomal protein S9 isoform a
NCBI Official Synonym Full Names	ribosomal protein S9
NCBI Official Symbol	RPS9
NCBI Official Synonym Symbols	S9
NCBI Protein Information	40S ribosomal protein S9
UniProt Protein Name	40S ribosomal protein S9
UniProt Gene Name	RPS9

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/rps9-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321005>