Rabbit RPL7 Polyclonal Antibody | anti-RPL7 antibody

RPL7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324395	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

RPL7; Polyclonal Antibody; RPL7 Antibody; 60S ribosomal protein L7; humL7 1; L7; Ribosomal protein L7; RL7_HUMAN; RPL 7; Rpl7a; Surf 3; anti-RPL7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RPL7 antibody detects endogenous levels of total RPL7
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	248
Applicable Applications for anti-RPL7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus**
Similarity	Pig (100%), Zebrafish (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using RPL5 antibody.

IF (Immunofluorescence)
AAA324395 staining 293 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.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL7 antibody	Function: Component of the large ribosomal subunit (PubMed:12962325). Binds to G-rich structures in 28S rRNA and in mRNAs. Plays a regulatory role in the translation apparatus; inhibits cell-free translation of mRNAs. Subunit Structure: Component of the large ribosomal subunit (Probable). Homodimer. Interacts with DHX33 (PubMed:26100019). Similarity: Belongs to the universal ribosomal protein uL30 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15431301
NCBI GeneID	6129
NCBI Accession #	NP_000962.2
NCBI GenBank Nucleotide #	NM_000971.3
UniProt Accession #	P18124; Q15289; Q3KQU0; Q5I0X1; Q6IBM9; A8K504
Molecular Weight	Observed: 32 kD Predicted: 30 kDa
NCBI Official Full Name	60S ribosomal protein L7 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L7
NCBI Official Symbol	RPL7
NCBI Official Synonym Symbols	L7; humL7-1
NCBI Protein Information	60S ribosomal protein L7
UniProt Protein Name	60S ribosomal protein L7
UniProt Gene Name	**RPL7**

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/rpl7-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324395