Rabbit RPL7 Polyclonal Antibody | anti-RPL7 antibody

RPL7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311402	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

RPL7; Polyclonal Antibody; RPL7 Polyclonal Antibody; L7; humL7-1; ribosomal protein L7; anti-RPL7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-RPL7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RPL7 (NP_000962.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of L929 cells using RPL7 Polyclonal Antibody.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RPL7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL7 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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30P family of ribosomal proteins. It contains an N-terminal basic region-leucine zipper (BZIP)-like domain and the RNP consensus submotif RNP2. In vitro the BZIP-like domain mediates homodimerization and stable binding to DNA and RNA, with a preference for 28S rRNA and mRNA. The protein can inhibit cell-free translation of mRNAs, suggesting that it plays a regulatory role in the translation apparatus. It is located in the cytoplasm. The protein has been shown to be an autoantigen in patients with systemic autoimmune diseases, such as systemic lupus erythematosus. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPL7 antibody	Total protein Ab

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	29,226 Da
NCBI Official Full Name	60S ribosomal protein L7
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**
UniProt Entry Name	RL7_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/rpl7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311402