

Rabbit RPL7 Polyclonal Antibody | anti-RPL7 antibody

RPL7 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201102	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

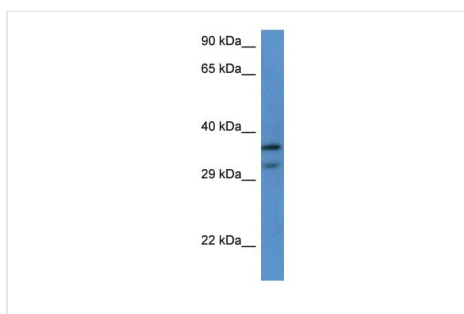
PRODUCT SYNONYMS

RPL7; Polyclonal Antibody; RPL7 Antibody - C-terminal region; anti-RPL7 antibody

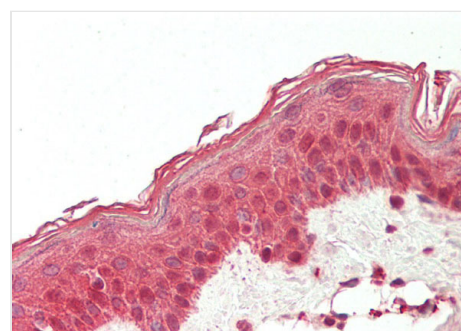
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YT VGKRFKEANN FLWPFKLSSP RGGMKKKTTH FVEGGDAGNR EDQINRLI
Sequence Length	248
Applicable Applications for anti-RPL7 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 86%; Zebrafish: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

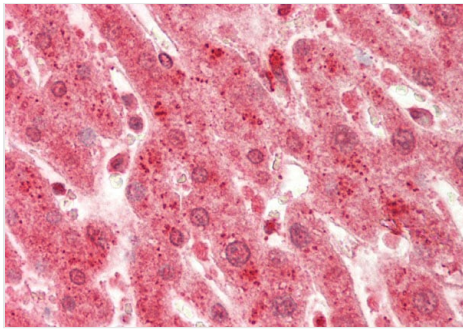
IMAGES


WB (Western Blot)

WB Suggested Anti-RPL7 Antibody Titration: 1.0 ug/ml Positive Control: HeLa Whole Cell


IHC (Immunohistochemistry)

Rabbit Anti-RPL7 antibody Formalin Fixed Paraffin Embedded Tissue: Human Skin Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-RPL7 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-RPL7 antibody	This is a rabbit polyclonal antibody against RPL7. It was validated on Western Blot Target Description: 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	Polyclonal ; Cancer ; RNA Binding Proteins ; Drugs and Drug Metabolism ; Disease Related ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	15431301
NCBI GeneID	6129
NCBI Accession #	NP_000962
NCBI GenBank Nucleotide #	NM_000971
UniProt Accession #	P18124
Molecular Weight	29kDa
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
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://www.aaabiotech.com/polyclonal/rpl7-antibody-western-blot-elisa/201102>