

Rabbit RPL18 Polyclonal Antibody | anti-RPL18 antibody

RPL18 antibody - N-terminal region

CATALOG # AAA200549	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

RPL18; Polyclonal Antibody; RPL18 antibody - N-terminal region; anti-RPL18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, 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: MG VDIRHNKDRK VRRKEPKSQD IYLRLLVKLY RFLARRTNST FNQVVLKR
Sequence Length	188
Applicable Applications for anti-RPL18 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPL18
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-RPL18 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: HT1080 cell lysate
RPL18 is supported by BioGPS gene expression data to be expressed in HT1080



IHC (Immunohistochemistry)

Rabbit Anti-RPL18 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes, very strong signal, low tissue distribution
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-RPL18 antibody	This is a rabbit polyclonal antibody against RPL18. It was validated on Western Blot using a cell lysate as a positive control. 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 L18E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. 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 L18E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-RPL18 antibody	Polyclonal; RNA Binding Proteins; Drugs and Drug Metabolism; Developmental Biology; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506607
NCBI GeneID	6141
NCBI Accession #	NP_000970
NCBI GenBank Nucleotide #	NM_000979
UniProt Accession #	Q07020
Molecular Weight	22kDa
NCBI Official Full Name	60S ribosomal protein L18 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L18
NCBI Official Symbol	RPL18
NCBI Official Synonym Symbols	L18; DBA18
NCBI Protein Information	60S ribosomal protein L18
UniProt Protein Name	60S ribosomal protein L18
UniProt Gene Name	RPL18
UniProt Entry Name	RL18_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/rpl18-antibody-western-blot-immunohistochemistry-elisa/200549>