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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56127_P050-Biotin
Product Page	www.avivasysbio.com/rpl18-antibody-n-terminal-region-biotin-arp56127-p050-biotin.html
Name	RPL18 Antibody - N-terminal region : Biotin (ARP56127_P050-Biotin)
Protein Size (# AA)	188 amino acids
Molecular Weight	22kDa
Conjugation	Biotin
NCBI Gene Id	6141
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein L18
Alias Symbols	L18, DBA18
Peptide Sequence	Synthetic peptide located within the following region: MGVDIRHMKDRKVRKPEKSDIYLRLLVVKLYRFLARRTNSTFNQVVLKR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Beausoleil,S.A., (2006) Nat. Biotechnol. 24 (10), 1285-1292
Description of Target	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.
Protein Interactions	UBC; FUS; HUWE1; CEP250; TP53; STAU1; MDM2; ZBTB1; RPA3; RPA2; RPA1; EED; RPLP0; RPL24; RPL23A; RPL13; IARS; FAU; NUDT21; EEF1E1; FBXO6; ICAM1; IGSF8; PAN2; ITGA4; IL7R; FN1; ESR1; CDKN1A; UBL4A; VCAM1; PA2G4; MAGOH; EIF4A3; RPS5; RPS4X; RPS3A; RPS3; RPS2
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-RPL18 (ARP56127_P050-Biotin) antibody
Blocking Peptide	For anti-RPL18 (ARP56127_P050-Biotin) antibody is Catalog# AAP56127 (Previous Catalog# AAPP37748)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPL18
Uniprot ID	Q07020
Protein Name	60S ribosomal protein L18
Sample Type Confirmation	RPL18 is supported by BioGPS gene expression data to be expressed in HT1080
Protein Accession #	NP_000970
Purification	Affinity Purified
Nucleotide Accession #	NM_000979

Gene Symbol	RPL18
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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