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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

Product Number	ARP56134_P050-Biotin
Product Page	www.avivasysbio.com/rpl30-antibody-middle-region-biotin-arp56134-p050-biotin.html
Name	RPL30 Antibody - middle region : Biotin (ARP56134_P050-Biotin)
Protein Size (# AA)	115 amino acids
Molecular Weight	13kDa
Conjugation	Biotin
NCBI Gene Id	6156
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein L30
Alias Symbols	L30
Peptide Sequence	Synthetic peptide located within the following region: MLAKTGVHHYSGNNIELGTACGKYRVCFLAIIDPGDSDIIRSMPEQTGE
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. RPL30 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30E family of ribosomal proteins. It is located in the cytoplasm. This gene encoding RPL30 is co-transcribed with the U72 small nucleolar RNA gene, which is located in its fourth intron. 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 L30E family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the U72 small nucleolar RNA gene, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Protein Interactions	UBC; CEP76; CEP250; CEP57; VCP; TP53; AURKA; MDM2; WWOX; ZBTB1; EED; USP14; ICAM1; IGSF8; PAN2; OAS1; ITGA4; IL7R; FN1; UBL4A; VCAM1; RPS11; MAP2K7; ZFAND2A; FAM120B; G0S2; RPL13A; CASP2; PA2G4; RPS29; RPS26; RPS24; RPS23; RPS21; RPS16; RPS15A; RPS14; RPS
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-RPL30 (ARP56134_P050-Biotin) antibody
Blocking Peptide	For anti-RPL30 (ARP56134_P050-Biotin) antibody is Catalog# AAP56134 (Previous Catalog# AAPP37907)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPL30
Uniprot ID	P62888
Protein Name	60S ribosomal protein L30
Sample Type Confirmation	RPL30 is supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_000980
Purification	Affinity Purified
Nucleotide Accession #	NM_000989

Gene Symbol	RPL30
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 100%
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.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com