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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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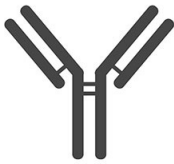
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Product Number	ARP56125_P050-Biotin
Product Page	www.avivasysbio.com/rpl5-antibody-n-terminal-region-biotin-arp56125-p050-biotin.html
Name	RPL5 Antibody - N-terminal region : Biotin (ARP56125_P050-Biotin)
Protein Size (# AA)	297 amino acids
Molecular Weight	34kDa
Conjugation	Biotin
NCBI Gene Id	6125
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ribosomal protein L5
Alias Symbols	L5, uL18, MSTP030, PPP1R135
Peptide Sequence	Synthetic peptide located within the following region: RLVIQDKNKYNTPKYRMIVRVNTRDIICQIAYARIEGDMIVCAAYAHLEP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sun,X.X., (2007) J. Biol. Chem. 282 (11), 8052-8059
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 four RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the L18P family of ribosomal proteins and component of the 60S subunit. The encoded protein binds 5S rRNA to form a stable complex called the 5S ribonucleoprotein particle (RNP), which is necessary for the transport of nonribosome-associated cytoplasmic 5S rRNA to the nucleolus for assembly into ribosomes. The encoded protein may also function to inhibit tumorigenesis through the activation of downstream tumor suppressors and the downregulation of oncoprotein expression. Mutations in this gene have been identified in patients with Diamond-Blackfan Anemia (DBA). This gene is co-transcribed with the small nucleolar RNA gene U21, which is located in its fifth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome.
Protein Interactions	HUWE1; UBC; PML; HAUS2; CEP250; TUBG1; TP53; SUMO2; SUMO3; STAU1; LGR4; VHL; RPL5; FBXO6; UPF2; TARDBP; IGSF8; ICAM1; CD81; PAN2; UBL4A; NOS2; VCAM1; MDM2; ITGA4; HSP90AB1; HSP90AA1; FN1; CSNK2A1; RPS3; RPL11; NPM1; ESR1; CBX5; EEF2; EEF1G; EEF1A1; DHX9;
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-RPL5 (ARP56125_P050-Biotin) antibody
Blocking Peptide	For anti-RPL5 (ARP56125_P050-Biotin) antibody is Catalog # AAP56125 (Previous Catalog # AAPP37746)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPL5
Uniprot ID	P46777
Protein Name	60S ribosomal protein L5
Protein Accession #	NP_000960
Purification	Affinity Purified
Nucleotide Accession #	NM_000969
Gene Symbol	RPL5

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: 100%; Rat: 100%; Zebrafish: 100%
Image 1	

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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