



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP56125_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/rpl5-antibody-n-terminal-region-fitc-arp56125-p050-fitc.html">www.avivasysbio.com/rpl5-antibody-n-terminal-region-fitc-arp56125-p050-fitc.html</a>
<b>Name</b>	RPL5 Antibody - N-terminal region : FITC (ARP56125_P050-FITC)
<b>Protein Size (# AA)</b>	297 amino acids
<b>Molecular Weight</b>	34kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	6125
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	ribosomal protein L5
<b>Alias Symbols</b>	L5, uL18, MSTP030, PPP1R135
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">RLVIQDKNKYNTPKYRMIVRVNTRDIICQIAYARIEGDMIVCAAYAHLEP</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Sun,X.X., (2007) J. Biol. Chem. 282 (11), 8052-8059
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	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;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-RPL5 (ARP56125_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-RPL5 (ARP56125_P050-FITC) antibody is <a href="#">Catalog# AAP56125</a> (Previous Catalog # AAPP37746)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human RPL5
<b>Uniprot ID</b>	<a href="#">P46777</a>
<b>Protein Name</b>	60S ribosomal protein L5
<b>Protein Accession #</b>	<a href="#">NP_000960</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_000969</a>
<b>Gene Symbol</b>	<a href="#">RPL5</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	

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

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Optimal conditions of its use should be determined by end users.

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