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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 | ARP56208_P050-Biotin |
| Product Page | www.avivasysbio.com/rps21-antibody-n-terminal-region-biotin-arp56208-p050-biotin.html |
| Name | RPS21 Antibody - N-terminal region : Biotin (ARP56208_P050-Biotin) |
| Protein Size (# AA) | 83 amino acids |
| Molecular Weight | 9kDa |
| Conjugation | Biotin |
| NCBI Gene Id | 6227 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Ribosomal protein S21 |
| Alias Symbols | S21, HLDF |
| Peptide Sequence | Synthetic peptide located within the following region: MQNDAGEFVDLYVPRKCSASNRIIGAKDHASIQMNVAEVDKVTGRENGQF |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Oh,J.H., (2005) Mamm. Genome 16 (12), 942-954 |
| Description of Target | The specific function of this protein remains unknown. 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 40S subunit. The protein belongs to the S21E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants that encode different protein isoforms have been described, but their existence has not been verified. 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 | ZUFSP; UBC; UCHL5; RPS27L; ADRM1; SYNCRIP; GNB2L1; DYNLL1; RPS28; RPS18; RPS16; RPS15A; RPS13; RPS10; RPS9; RPS8; RPS5; RPS4X; RPS3A; RPS3; RPS2; PSMD13; PSMD11; PSMD8; PSMD3; PSMD2; PSMD1; PSMC6; PSMC2; PSMC1; MTHFD1; RPSA; UBL4A; VCAM1; ITGA4; FN1; HNRN |
| 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-RPS21 (ARP56208_P050-Biotin) antibody |
| Blocking Peptide | For anti-RPS21 (ARP56208_P050-Biotin) antibody is Catalog# AAP56208 (Previous Catalog# AAPP38127) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human RPS21 |
| Uniprot ID | P63220 |
| Protein Name | 40S ribosomal protein S21 |
| Protein Accession # | NP_001015 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_001024 |
| Gene Symbol | RPS21 |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Yeast, Zebrafish |
| Application | WB |

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|---|---|
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 92%; Rat: 100%; Yeast: 86%; Zebrafish: 100% |
| Image 1 |  A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. |

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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