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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56148_P050-Biotin
Product Page	www.avivasysbio.com/rps7-antibody-middle-region-biotin-arp56148-p050-biotin.html
Name	RPS7 Antibody - middle region : Biotin (ARP56148_P050-Biotin)
Protein Size (# AA)	194 amino acids
Molecular Weight	22kDa
Conjugation	Biotin
NCBI Gene Id	6201
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein S7
Alias Symbols	S7, eS7, DBA8
Peptide Sequence	Synthetic peptide located within the following region: RIRVKLDGSRLLIKVHLDKAQQNNVEHKVETFSGVYKLLTGKDVNFEFPEF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Chen,D., (2007) Oncogene 26 (35), 5029-5037
Description of Target	RPS7 is required for rRNA maturation. 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 S7E 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	RPS3; MDM2; HUWE1; ZBTB14; UBC; TP53; CEP76; TUBGCP3; CEP57; CDC37L1; RPA3; RPA2; RPA1; RNF2; EED; FAU; DDX3X; PSMC4; WIBG; EIF2A; WDR26; PNO1; TSR1; RPS27L; RPS29; RPS28; RPS27; RPS26; RPS25; RPS24; RPS23; RPS20; RPS19; RPS18; RPS16; RPS15A; RPS14; RPS13
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-RPS7 (ARP56148_P050-Biotin) antibody
Blocking Peptide	For anti-RPS7 (ARP56148_P050-Biotin) antibody is Catalog # AAP56148 (Previous Catalog # AAPP37921)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPS7
Uniprot ID	P62081
Protein Name	40S ribosomal protein S7
Protein Accession #	NP_001002
Purification	Affinity Purified
Nucleotide Accession #	NM_001011
Gene Symbol	RPS7
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, 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%; Yeast: 79%; 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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