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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

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	ARP56180_P050-Biotin
Product Page	www.avivasysbio.com/rps13-antibody-middle-region-biotin-arp56180-p050-biotin.html
Name	RPS13 Antibody - middle region : Biotin (ARP56180_P050-Biotin)
Protein Size (# AA)	151 amino acids
Molecular Weight	17kDa
Conjugation	Biotin
NCBI Gene Id	6207
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein S13
Alias Symbols	S13
Peptide Sequence	Synthetic peptide located within the following region: ILRILKSKGLAPDLPEDLYHLIKKAVAVRKHLEARNRKDKDAKFRLLIES
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S15P family of ribosomal proteins. It is located in the cytoplasm. The protein has been shown to bind to the 5.8S rRNA in rat. The gene product of the E. coli ortholog (ribosomal protein S15) functions at early steps in ribosome assembly. This gene is co-transcribed with two U14 small nucleolar RNA genes, which are located in its third and fifth introns. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Protein Interactions	HUWE1; UBC; TP53; TUBG1; HAUS2; CEP250; ZBTB1; RNF2; TSR1; LARS; EIF3L; RPS27L; LARP1; GNB2L1; RANBP9; RPS29; RPS28; PSMD7; PSMD3; PSMC5; PSMC1; WIBG; PNO1; KCMF1; RPS27; RPS26; RPS25; RPS24; RPS23; RPS21; RPS20; RPS19; RPS18; RPS16; RPS15A; RPS14; RPS12;
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-RPS13 (ARP56180_P050-Biotin) antibody
Blocking Peptide	For anti-RPS13 (ARP56180_P050-Biotin) antibody is Catalog# AAP56180 (Previous Catalog# AAPP38105)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RPS13
Uniprot ID	P62277
Protein Name	40S ribosomal protein S13
Protein Accession #	NP_001008
Purification	Affinity Purified
Nucleotide Accession #	NM_001017
Gene Symbol	RPS13
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: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 86%; 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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com