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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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	ARP56138_P050-FITC
Product Page	www.avivasysbio.com/rps3a-antibody-n-terminal-region-fitc-arp56138-p050-fitc.html
Name	RPS3A Antibody - N-terminal region : FITC (ARP56138_P050-FITC)
Protein Size (# AA)	264 amino acids
Molecular Weight	30kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	6189
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribosomal protein S3A
Alias Symbols	S3A, FTE1, MFTL
Peptide Sequence	Synthetic peptide located within the following region: APAMFNIRNIGKTLVTRTQGTGIASDGLKGRVFEVSLADLQNDVAFRKF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Olsen,J.V., (2006) Cell 127 (3), 635-648
Description of Target	RPS3A may play a role during erythropoiesis through regulation of transcription factor DDIT3. 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 S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. Transcript variants utilizing alternative transcription start sites have been described. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. 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	HUWE1; UBC; TP53; VCP; TUBG1; AURKA; SUMO2; NEDD1; CEP76; TUBGCP4; CEP250; CEP57; RPA3; RPA2; RPA1; RPS17; RNF2; rev; RPS29; RPS28; RPS27; RPS26; RPS25; RPS24; RPS23; RPS21; RPS20; RPS19; RPS18; RPS16; RPS15A; RPS14; RPS13; RPS12; RPS10; RPS9; RPS8; RPS7;
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-RPS3A (ARP56138_P050-FITC) antibody
Blocking Peptide	For anti-RPS3A (ARP56138_P050-FITC) antibody is Catalog # AAP56138 (Previous Catalog # AAPP37911)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPS3A
Uniprot ID	P61247
Protein Name	40S ribosomal protein S3a
Protein Accession #	NP_000997
Purification	Affinity Purified
Nucleotide Accession #	NM_001006
Gene Symbol	RPS3A

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	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding arms.

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