



# 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>	ARP56721_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/rln1-antibody-middle-region-fitc-arp56721-p050-fitc.html">www.avivasysbio.com/rln1-antibody-middle-region-fitc-arp56721-p050-fitc.html</a>
<b>Name</b>	RLN1 Antibody - middle region : FITC (ARP56721_P050-FITC)
<b>Protein Size (# AA)</b>	185 amino acids
<b>Molecular Weight</b>	21kDa
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	6013
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Relaxin 1
<b>Alias Symbols</b>	H1, H1RLX, RLXH1, bA12D24.3.1, bA12D24.3.2
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">EIVPSFINKDTETIIIMLEFIANLPPELKAALSERQPSLPELQOQYVPALK</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 and RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; however, their exact cleavage sites have not been described. Relaxin is produced by the ovary, and targets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and inhibit uterine contraction. It may have additional roles in enhancing sperm motility, regulating blood pressure, controlling heart rate and releasing oxytocin and vasopressin. This gene has multiple polyadenylation sites. There are multiple alternatively spliced transcript variants described for this gene but their full length nature is not known yet.
<b>Protein Interactions</b>	RXFP1;
<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-RLN1 (ARP56721_P050-FITC) antibody</a>
<b>Blocking Peptide</b>	For anti-RLN1 (ARP56721_P050-FITC) antibody is <a href="#">Catalog# AAP56721</a> (Previous Catalog# AAPP39528)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human RLN1
<b>Uniprot ID</b>	<a href="#">P04808</a>
<b>Protein Name</b>	Prorelaxin H1
<b>Protein Accession #</b>	<a href="#">NP_008842</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_006911</a>
<b>Gene Symbol</b>	<a href="#">RLN1</a>
<b>Predicted Species Reactivity</b>	Human, Rat, Pig
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%; Pig: 92%; Rat: 79%
<b>Image 1</b>	

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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