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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	ARP56721_P050-Biotin
Product Page	www.avivasysbio.com/rln1-antibody-middle-region-biotin-arp56721-p050-biotin.html
Name	RLN1 Antibody - middle region : Biotin (ARP56721_P050-Biotin)
Protein Size (# AA)	185 amino acids
Molecular Weight	21kDa
Conjugation	Biotin
NCBI Gene Id	6013
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Relaxin 1
Alias Symbols	H1, H1RLX, RLXH1, bA12D24.3.1, bA12D24.3.2
Peptide Sequence	Synthetic peptide located within the following region: EIVPSFINKDTETIIIMLEFIANLPPELKAALSERQPSLPELQQYVPALK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	RXFP1;
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-RLN1 (ARP56721_P050-Biotin) antibody
Blocking Peptide	For anti-RLN1 (ARP56721_P050-Biotin) antibody is Catalog# AAP56721 (Previous Catalog# AAPP39528)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RLN1
Uniprot ID	P04808
Protein Name	Prorelaxin H1
Protein Accession #	NP_008842
Purification	Affinity Purified
Nucleotide Accession #	NM_006911
Gene Symbol	RLN1
Predicted Species Reactivity	Human, Rat, Pig
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%; Pig: 92%; Rat: 79%
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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