

## Product datasheet for **TA345131**

### Relaxin 1 (RLN1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RLN1 antibody: synthetic peptide directed towards the middle region of human RLN1. Synthetic peptide located within the following region: EIVPSFINKDTETIIIMLEFIANLPPELKAALSERQPSLPELQQYVPALK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	relaxin 1
Database Link:	<a href="#">NP_008842</a> <a href="#">Entrez Gene 6013 Human</a> <a href="#">P04808</a>



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**Background:**

Relaxins are known endocrine and autocrine/paracrine hormones, belonging to the insulin gene superfamily. In humans there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3, where RLN1 and RLN2 share high sequence homology. The protein encoded by this gene is synthesized as a single-chain polypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds. 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. [provided by RefSeq, Jan 2013]

**Synonyms:**

bA12D24.3.1; bA12D24.3.2; H1; H1RLX; RLXH1

**Note:**

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

**Protein Families:**

Secreted Protein

**Product images:**