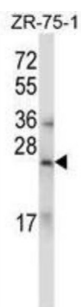
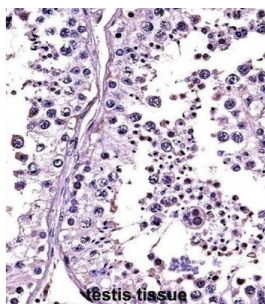


## Prorelaxin H1/2 (RLN1/RLN2) Antibody

Catalogue No.: abx027652



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. [provided by RefSeq].

**Target:** Prorelaxin H1/2 (RLN1/RLN2)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 136-165 amino acids from the C-terminal region of human RLN1/RLN2.

# Datasheet

Version: 2.0.0  
Revision date: 25 Jul 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P04808 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	RLN1
GeneID:	<a href="#">6013</a>
OMIM:	<a href="#">179730</a>
HGNC:	10026
KEGG:	hsa:6013
Ensembl:	ENSG00000107018
String:	<a href="#">9606.ENSP00000223862</a>
Molecular Weight:	Calculated MW: 21.1 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.