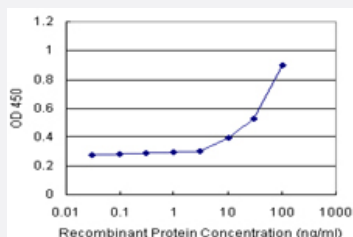


# RLN1 (Human) Matched Antibody Pair

Catalog # H00006013-AP11

Size 1 Set

## Applications



Sandwich ELISA detection sensitivity ranging from 10 ng/ml to 100 ng/ml.

## Specification

<b>Product Description</b>	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human RLN1.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Standard curve using recombinant protein ( H00006013-P01 ) as an analyte. Sandwich ELISA detection sensitivity ranging from 10 ng/ml to 100 ng/ml.
<b>Supplied Product</b>	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-RLN1 (100 ug) 2. Detection antibody: mouse monoclonal anti-RLN1, IgG2a Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

## Gene Info — RLN1

**Entrez GeneID** [6013](#)

**Gene Name** RLN1

**Gene Alias** H1, RLXH1, bA12D24.3.1, bA12D24.3.2

**Gene Description** relaxin 1

**Omim ID** [179730](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000021026|preprorelaxin H1|prorelaxin|relaxin H1

## Disease

- [Genetic Predisposition to Disease](#)
- [Premature Birth](#)