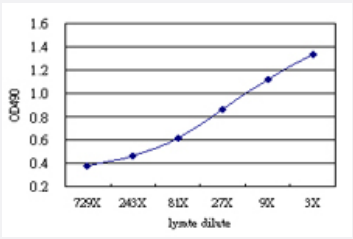
RLN1 (Human) Matched Antibody Pair

Catalog # H00006013-AP61 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the RLN1 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human RLN1.
Reactivity	Human
Quality Control Testing	Standard curve using RLN1 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the RLN1 29 3T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-RLN1 (100 ug) 2. Detection antibody: rabbit MaxPab® affinity purified polyclonal anti-RLN1 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

  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 s uperfamily. In the human there are three non-allelic relaxin genes, RLN1, RLN2 and RLN3. RLN1 a nd RLN2 share high sequence homology. This encoded protein is synthesized as a single-chain p olypeptide but the active form consists of an A chain and a B chain linked by disulfide bonds; how ever, their exact cleavage sites have not been described. Relaxin is produced by the ovary, and ta rgets the mammalian reproductive system to ripen the cervix, elongate the pubic symphysis and in hibit 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 po lyadenylation sites. There are multiple alternatively spliced transcript variants described for this ge ne 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