

DNAxPAb

Hard-to-Find
Antibody

RLN2 DNAxPab

Catalog # H00006019-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RLN2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPRLFFFHLLGVCLLLNQFSRAVADSWMEEVIKLCGRELVRAQIAICGMSTWSKRSLSQEDAPQT PRPVAEIVPSFINKDTETINMMSEFVANLPQELKLTSEMQPALPQLQQHVPVLKDSSLLFEEFKK LIRNRQSEAADSSPSELKYLGLDTHSRKKRQLYSALANKCCHVGCTKRSLARFC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RLN2

Entrez GeneID [6019](#)

GeneBank Accession# [HQ258745.1](#)

Protein Accession# [ADR83496.1](#)

Gene Name RLN2

Gene Alias H2, RLXH2, bA12D24.1.1, bA12D24.1.2

Gene Description relaxin 2

Omim ID [179740](#)

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. The active form of the encoded protein consists of an A chain and a B chain but their cleavage sites are not definitely described yet. 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. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000021027|prorelaxin H2|relaxin H2|relaxin, ovarian, of pregnancy

Disease

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