

MaxPab®

RLN2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006019-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RLN2 protein.
Immunogen	RLN2 (ADR83496.1, 1 a.a. ~ 185 a.a) full-length human protein.
Sequence	MPRLFFFHLLGVCLLLNQFSRAVADSWMEEVIKLCGRELVRAQIAICGMSTWSKRSLSQEDAPQT PRPVAEIVPSFINKDTETINMMSEFVANLPQELKLTSEMQPALPQLQQHVPVLKDSSLLFEEFKK LIRNRQSEAADSSPSELKYLGLDTHSRKKRQLYSALANKCCHVGCTKRSLARFC
Host	Mouse
Reactivity	Human
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](#)

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](#)